



PRODUCE:	APPLE
-----------------	--------------

TYPE	Green	VARIETY	Mutsu
CLASS	One	NOTES	

GENERAL APPEARANCE CRITERIA

Colour	Light to mid green skin. Creamy to white flesh.
Visual Appearance	Normal bloom, lenticels to be brown not black or prominent. Stem intact. Stems may be missing provided that the break is clean and there is no torn flesh or skin. No foreign matter. Generic industry fruit sticker showing PLU number or bar code and produce variety (Supplier branded stickers preferred.) Stickers to cover a minimum of 85 % of fruit intended to be sold loose, except pre pack fruit.
Sensory	Skin smooth to dry, crisp firm mildly tangy taste; no objectionable odours or tastes.
Shape	Square, oblong shape. Slightly ribbed and crowned at apex. No irregular curvatures or distorted shapes.
Size	Evenly sized fruit (as pre-ordered per requirements). Apples supplied in 1.5 kg pre-packs to be 64 - 67 mm diameter.
Maturity	Harvested ripe, minimum penetrometer value (11mm plunger): 6.8 - 7.0 kg. Brix > 11.0° (Soluble Solids) at receipt

MAJOR DEFECTS

Insects	With evidence of live insects.
Diseases	With fungal or bacterial rots of the skin or flesh (eg Anthracnose, blue mould, grey mould). With sunken spots surrounded by red/ black halo (Apple scab).
Physical/Pest Damage	With cuts, holes, cracks or wounds (that break the skin). Stem punctures should not exceed 3 pieces per carton. With deep, soft bruises that have distinct edges and are indented or watersoaked lesions
Physiological Disorder	With brown discolouration of the skin (superficial scald). With internal breakdown or browning (senescent fruit). With Bitter pit / Lenticel injury. With translucent core flesh (watercore); with brown core or internal cavities (brown heart)
Temperature Injury	With skin discolouration (sunburn). With flesh browning, wrinkled skin, watersoaked appearance (freezing damage).

MINOR DEFECTS

Physical/Pest Damage	With minor superficial bruises eg flat / sunken areas slightly darker than skin colour with no distinct edges or indented > 2 sq cm With healed injuries in skin (eg hail marks, limb rub), affecting in aggregate > 1 sq cm.
Skin Marks/Blemishes	With stem end russet affecting > 6 sq cm. With scattered cheek russet affecting > 2 sq cm.
Physiological Disorder	With dropped shoulders > 15° angle from the calyx.

CONSIGNMENT CRITERIA

Tolerance Per Consignment	Total minor defects (within allowance limit) to be < 2 defects per apple. 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%.
Packaging & Labelling	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.
Shelf Life	Produce must provide not less than 14 days clear shelf life from date of receipt.
Receipt Conditions	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 4 - 10° C. (12° C acceptable for the first 2 weeks of its season)
Chemical & Containment Residues	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.
Food Safety Requirements	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.