

Produce Specification: NZ Apple

General Information:

This specification is for supply of NZ Apple into FSSI Produce DC, any variation to this must be approved by the FSSI Merchandise Manager for Produce

All suppliers/growers must be certified in one of the below.

NZGAP with Social Practice Add On
GlobalGAP GRASP
Sedex Smeta

Variety, Shapes & Overall Visual Appearance:

- **Ambrosia**- Foreground 35% blush red, pale-yellow undertones; white flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Ballarat** - Green skin with red blush; white flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Braeburn** - Background light green. Foreground 40% red blush. Bright orange stripe. Conical to oblong. More round than oval. No misshapen. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness
- **Sunrise** - Typical of the variety. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Envy** - Pale green to yellow background with a red fleck over red wash. Round to round conical. Max. 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Eve** - Smooth, shiny skin bright red in colour with faint yellow speckling and small yellow patches around the stem; white flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Genesis** - Pale green to yellow background with red blush > 40%. Creamy yellow flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Granny Smith** - Uniform bright green. Greenish white flesh. Round. Elongated, tapering at the apex. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Jazz** - Pale green to yellow background with red blush > 40%. Creamy yellow flesh. Round to round conical. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness

- **Lemonade** - Bright yellow skin may have patches of green, orange or pink blush, light yellow flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is more oval than round. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **NZ Beauty** - Foreground 80% Blush Pale cream background with >60% red blush. White flesh. Round to conical. May be slightly elongated. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **NZ Rose** - Light yellow background with rosy, pink foreground colour covering >50%. Cream coloured flesh. Round to round conical. Max 15° dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Pacific Queen** - Dark red blush covering 75-100% with russeted lenticels and stem end. White flesh. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Pink Lady** - Light green background with pink to reddish pink blush covering >40%. Cream coloured flesh. Round to round conical. More round than oval. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Queen** - Crimson red with speckles of russeting on the outside; white flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Royal Gala** - Yellow background, with foreground red stripes. Conical to oblong. More round than oval. No misshapen. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **Smitten** - Bright yellow skin, orange-red blush and streaks, ivory flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.
- **Sunrise** - Light yellow background with red blush covering >50%. White flesh. Conical and slightly elongated. Max 15% dropped shoulder. Firm, crisp, with juicy flesh. No off odours or tastes. No mealiness.
- **SweeTango** - Pale yellow-green base, covered in large patches of bright to dark red blushing and striping, russet around stem cavity and large white lenticels. White flesh. Conical to oblong. Well-rounded to flattened base. Evenly shaped with no distortions. Shape is rounder than it is oval. 10% stem intact. Stems may be absent where there is a clean break, and no damage to flesh or skin. Firm, crisp, with juicy flesh, not fibrous or floury. No off odours or tastes.

Temperature:

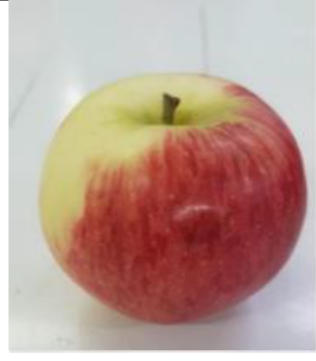





Arrival temperature should be 4 – 10 °C (12 during first 2 weeks of season)

Labelling

All crates / cartons must be labelled with:

- Suppliers trading name.
- Suppliers trading address.
- Pack date
- Product name and/or Article Description
- Variety
- Count
- Grade
- Shipper Barcode

Crates and Bins:
If product is supplied in a Bin or Crate, bin and crate must be collapsible (unless otherwise stated) and be from an approved supplier.
Defect List:
Unacceptable (0% tolerance on surface of fruit) – No fruit allowed. • Chill damage, physical damage. Rot / waste, disease damage.
Major (2% tolerance on surface of fruit) – No more than 3 pieces per carton • Sunburn. Rough scarring.
Minor (10% tolerance on surface of fruit) - No more than 5 pieces per carton • Light blemishes (2.5sq cm accumulated marking).

Photos Of Defects		
		
Bruising	Bruising	Bruising
		
<p>Bruising: Fruit flesh injury/mark to soft tissue appearing as an area of soft and/or discoloured skin, caused by impact or pressure over a large area.</p> <p>Bruising of the flesh without breaking the skin, > 1 cm² in total area.</p>	Bruising	Hairline split.




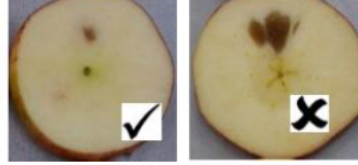





		
<p>Stem-end russet must be < 5% which equates to an area of smooth russet covering the stem cavity and half of the apple shoulder</p>	<p>Cheek russet must be smooth and be < 1 cm² in total area.</p>	<p>Scattered and shoulder russet.</p>
<p>Photos Of Defects</p>		
		
<p>Internal browning. Total aggregate area</p>	<p>Fruit flesh cut/puncture by the stem of another apple.</p>	<p>Punctures.</p>
		
<p>Lenticel injury.</p>	<p>Brown scar tissue, which usually appear as smooth or rough circular areas depending on when the hail occurred in the growing season, and the type of hail. A maximum of 1 cm² is allowed. The russeted area must be smooth and superficial.</p>	<p>Superficial bruising. No deep indent, dark colour, and smaller than the 1 cm² we use for true bruising.</p>

Table of Articles

Article	Description	Fruit Size	BRIX ° (SOLUBLE SOLIDS)	Count	Packaging
	Early Season Apple – All Variety	60-69 mm (110-135ct)			
3060858	APPLES EVE 1KG PPK NZ	70-74 mm (110ct)	>11	12EA	Bag/Crate
3093633	APPLES AMBROSIA 1KG PPK NZ	70-74 mm (110ct)	>11.5	12EA	Bag/Crate
3112995	APPLES GRANNY SMITH 1KG PPK NZ	70-74 mm (110ct)	>11.5	12EA	Bag/Crate
3112996	APPLES ROYAL GALA 1KG PPK NZ	70-74 mm (110ct)	>11	12EA	Bag/Crate
3112997	APPLES BRAEBURN 1KG PPK NZ	70-74 mm (110ct)	>11	12EA	Bag/Crate
3185192	APPLES SMITTEN 1KG PPK NZ	70-74 mm (110ct)	>12	12EA	Bag/Crate
3188482	APPLE AMBROSIA L 12KG NZ PURCHASE	75-79 mm (80-90ct)	>11.5	12KG	Crate
3188489	APPLE BRAEBURN L 12KG NZ PURCHASE	75-79 mm (80-90ct)	>11	12KG	Crate
3188495	APPLES EVE L 12KG NZ PURCHASE	75-79 mm (80-90ct)	>11	12KG	Crate
3188520	APPLE GRANNY SMITH L 12KG NZ PURCHASE	75-79 mm (80-90ct)	>11.5	12KG	Crate
3188524	APPLE BEAUTY L 12KG NZ PURCH	75-79 mm (80-90ct)	>12	12KG	Crate
3188552	APPLE ROYAL GALA L 12KG NZ PURCHASE	75-79 mm (80-90ct)	>11	12KG	Crate
3188555	APPLE SMITTEN L KG NZ	75-79 mm (80-90ct)	>12	12KG	Crate
4337263	APPLE EVERCRISP KG NZ	75-79 mm (80-90ct)	>11	12KG	Crate
4281341	HEARTLAND APPLES PINK LADY 1.5KG	70-74 mm (110ct)	>12	12EA	Bag/Crate
4337795	APPLES PINK LADY 12KG NZ PURCHASE	75-79 mm (80-90ct)	>12	12KG	Crate
4354040	APPLES HONEY CRISP 17KG NZ PURCHASE	75-79 mm (80-90ct)	>11	17KG	Cardboard Box
4217608	APPLES ROYAL GALA LOOSE EXPORT PURCHASE	75-79 mm (80-90ct)	>11	18KG	Cardboard Box
3234527	VALUE APPLES 2KG NZ	70-74 mm (110ct)	>11	7EA	Bag/Crate
4272613	APPLES GRANNY SMITH 14KG NZ PURCHASE	75-79 mm (80-90ct)	>11.5	14KG	Crate
3232612	APPLES GENESIS 1.5KG NZ	70-74 mm (110ct)	>12	10EA	Bag/ Cardboard Box
3203122	APPLES ROSE 18KG NZ PURCHASE	75-79 mm (80-90ct)	>12	18KG	Cardboard Box
4217801	APPLES BRAEBURN LOOSE EXPORT PURCHASE	75-79 mm (80-90ct)	>11	18KG	Cardboard Box
4253816	APPLES BRAEBURN KG NZ PURCHASE	75-79 mm (80-90ct)	>11	14KG	Crate
3147987	APPLES GENESIS KG NZ	75-79 mm (80-90ct)	>12	18KG	Cardboard Box
4343514	APPLES BRAEBURN 350KG BIN NZ PURCHASE	70-84 mm	>11	350KG	Chep Bin
4346314	APPLES PINK LADY 350KG BIN NZ PURCHASE	70-84 mm	>12	350KG	Chep Bin
4189066	APPLES ROYAL GALA 350KG BIN NZ PURCHASE	70-84 mm	>11	350KG	Chep Bin
4242009	APPLE GRANNY SMITH 350KG BIN KG NZ	70-84 mm	>11.5	350KG	Chep Bin

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Article	Description	Fruit Size	BRIX ° (SOLUBLE SOLIDS)	Count	Packaging
4358828	APPLES ROYAL GALA 300KG CB BIN NZ PURCH	70-84 mm	>11	300KG	Cardboard Bin
4358847	APPLES BRAEBURN 300KG CB BIN NZ PURCH	70-84 mm	>11	300KG	Cardboard Bin
4358890	APPLES GRANNY SMITH 300KG CB BIN NZ PURC	70-84 mm	>11.5	300KG	Cardboard Bin
4358866	APPLES HONEY CRISP 300KG CB BIN NZ PURCH	70-84 mm	>11	300KG	Cardboard Bin
4360855	APPLES PACIFIC ROSE 300KG CB BIN NZ PURC	70-84 mm	>12	300KG	Cardboard Bin
4363744	APPLES PACIFIC QUEEN 300KG CB BIN NZ PUR	70-84 mm	>12	300KG	Cardboard Bin
4363735	APPLES SUNRISE 300KG CB BIN NZ PURCH	70-84 mm	>11	300KG	Cardboard Bin
4363716	APPLES KORU 300KG CB BIN NZ PURCH	70-84 mm	>11	300KG	Cardboard Bin
4270197	APPLES BEAUTY 18KG NZ PURCHASE	75-79 mm (80-90ct)	>12	18KG	Cardboard Box
4273068	APPLES COXS ORANGE KG NZ PURCHASE	75-79 mm (80-90ct)	>11	14KG	Crate
3208767	Apples Lemonade L KG	75-79 mm (80-90ct)	>12	9KG	Tray
3296497	YUMMY APPLES SWEETANGO 8PK	70-74 mm (110ct)	>11	9EA	Bag/ Cardboard Box
4346402	APPLES SWEETANGO 17KG NZ PURCH	75-79 mm (80-90ct)	>11	17KG	Cardboard Box
3188323	APPLES ROYAL GALA 1.5KG NZ	70-74 mm (110ct)	>11	12	Bag/Crate
4274343	APPLES ORATIA BEAUTY 14KG NZ PURCHASE	75-79 mm (80-90ct)	>12	14KG	Crate
4188364	APPLES ROYAL GALA 14KG NZ PURCHASE	75-79 mm (80-90ct)	>11	14KG	Crate
3142006	APPLES ENVY KG NZ	75-79 mm (80-90ct)	>12	18KG	Cardboard Box
3210490	APPLES JAZZ KG NZ	75-79 mm (80-90ct)	>12	12KG	Crate
3094275	APPLES JAZZ 1.5KG NZ	70-74 mm (110ct)	>12	7KG	Bag/Crate
3093792	APPLES SUNRISE LOOSE KG NZ	75-79 mm (80-90ct)	>11	18KG	Cardboard Box
4266414	APPLES MARIRI RED KG NZ	75-79 mm (80-90ct)	>11	13KG	Tray Box