

EXPORT GRADE STANDARDS

Conventional Fruit

Variety	Variety Mark	Colour (%)*		Russet (%)		
		Standard Grade	High Grade	Stem End	Solid Smooth	Tracery
Braeburn	035	≥ 40%	≥ 75%	≤ 10%	≤ 1 sq cm	≤ 20%
Cox's Orange Pippin	001	≥ 20/50%	-	≤ 10%	≤ 10%	≤ 30%
Fuji	063	≥ 50%	≥ 75%	≤ 10%	≤ 1 sq cm	≤ 20%
Gala	036	≥ 25%	-	≤ 10%	≤ 1 sq cm	≤ 20%
Granny Smith	002	-	-	≤ 5%	≤ 1 sq cm	≤ 20%
New Zealand Beauty	088	≥ 50%	-	≤ 10%	≤ 1 sq cm	≤ 20%
New Zealand Rose	052	≥ 50%	≥ 75%	≤ 10%	≤ 1 sq cm	≤ 20%
New Zealand Queen	168	≥ 66%	-	≤ 10%	≤ 1 sq cm	≤ 20%
Pink Lady®™	059	≥ 40%	-	≤ 10%	≤ 1 sq cm	≤ 20%
Regala	055	≥ 66%	-	≤ 10%	≤ 1 sq cm	≤ 20%
Royal Gala	039	≥ 60%**	≥ 85%	≤ 10%	≤ 1 sq cm	≤ 20%
Beurre Bosc	023	-	-	-	≥ 85%	-
Doyenne Du Comice	028	-	-	-	≤ 3 sq cm	≤ 25%
Taylor's Gold	060	-	-	-	≥ 80%	-

Grade Standard Tolerances

Pests	Refer to Pest Table
Disease	Refer to Spoilt Defects Table
Internal Disorders	2% Tolerance
Spoilt Defects	2% Tolerance
Cosmetic Defects	6% Tolerance
Maximum Cumulative Defects	6% Tolerance

Fruit Labelling

≥ 90% of fruit labelled in each pack

* Colour requirements for specific customers may vary from the standards above. Please refer to individual harvest/packing plans where applicable.

**The minimum colour standard for Royal Gala can be reviewed to 50% if required due to seasonal growing conditions. Correct harvest maturity and coolchain is of paramount importance.

FRUIT SIZE, WEIGHT AND DIAMETER GUIDE

This table should only be used as a guideline as the relationship of fruit size, weight and diameter will vary from year to year.

Fruit Size	Braeburn			Royal Gala		
	Average Weight grms	Diameter mm		Average Weight grms	Diameter mm	
		Hawke's Bay	Nelson		Hawke's Bay	Nelson
40	465	101 ± 4.5	100 ± 5.2	453	98 ± 4.2	97 ± 4.8
50	372	95 ± 4.2	94 ± 4.9	362	93 ± 4.0	92 ± 4.6
60	310	91 ± 4.0	89 ± 4.6	302	88 ± 3.8	88 ± 4.4
70	266	87 ± 3.8	85 ± 4.4	259	85 ± 3.6	84 ± 4.2
80	233	83 ± 3.7	81 ± 4.2	226	81 ± 3.4	81 ± 4.0
90	207	80 ± 3.6	78 ± 4.0	201	79 ± 3.3	78 ± 3.9
100	186	77 ± 3.4	75 ± 3.8	181	76 ± 3.1	75 ± 3.7
110	169	75 ± 3.3	73 ± 3.7	165	74 ± 3.0	73 ± 3.6
120	155	72 ± 3.2	71 ± 3.6	151	72 ± 2.9	71 ± 3.5
135	138	69 ± 3.1	67 ± 3.4	134	69 ± 2.8	68 ± 3.4
150	124	67 ± 3.0	65 ± 3.2	121	66 ± 2.7	66 ± 3.3
165	113	64 ± 2.9	62 ± 3.1	110	64 ± 2.5	64 ± 3.1
180	103	62 ± 2.8	60 ± 3.0	101	62 ± 2.4	62 ± 3.0

Net Fruit Weight by Pack Type – Apples and Pears

Pack Type	Variety	Net Fruit Weight
Z Pack	Braeburn & Strains	18.0 – 18.9 kg
	Fiesta	16.2 – 17.1 kg
	Pink Lady®™ (Cripps Pink) & New Zealand Beauty.	17.0 – 17.9 kg
	All Other Apple Varieties	17.5 – 18.4 kg
	Beurre Bosc (Pear Z)	18.5 – 19.1 kg
Maxi Z	Braeburn & Strains, Red Delicious	19.5 – 20.9 kg
	All Other Apple Varieties	19.5 – 20.4 kg
RDT	Braeburn & Strains, Red Delicious	12.5 – 13.3 kg
	Pink Lady®™ (Cripps Pink)	12.0 – 12.6 kg
	All Other Apple Varieties	12.4 – 13.0 kg
RST	Pink Lady®™ (Cripps Pink)	6.5 – 6.4 kg
	All Other Apple Varieties	6.5 – 6.4 kg
	Doyenne Du Comice, Taylor's Gold	7.0 – 7.3 kg
2 Layer Z	New Zealand Rose (Sciros), Fuji	9.5 – 10.0 kg

Pallet Completion

<i>Pack Type</i>	Pallet Base	Corner Board	Layers per Pallet	Total Packs per Pallet
Z Pack	Z Pallet	1.85m 1.95m (70,135)	7	49
Z Pack – High Cube	Z Pallet	2.15m	8	56
Maxi Z	Z Pallet	1.85m	6	42
Maxi Z – High Cube	Z Pallet	2.15m	7	49
RDT (139mm) – High Cube For fruit sizes 120 & 135	P10	2.15m	16	80
RDT (148mm) – High Cube For fruit sizes 90, 100, 110	P10	2.15m	15	75
RDT (141mm) For fruit sizes 120 & 135	P10	1.95m	14	70
RDT (141mm) – High Cube	P10	2.15m	15	75
RDT (151mm) For fruit sizes 90, 100, 110	P10	1.95m	13	65
RDT (151mm) – High Cube	P10	2.15m	14	70
RDT (205mm) – High Cube 3 layers of 6 x 1kg bags	P10	2.15	11	55
RST (92mm) For fruit sizes 70-135	P10	1.95m	21	105
RST (92mm) – High Cube	P10	2.15m	24	120
RST (102mm) For fruit sizes 50 & 60	P10	1.95m	19	95
RST (102mm) – High Cube	P10	2.15m	21	105
2 Layer Z	Z Pallet	1.95m	10	70
2 Layer Z – High Cube	Z Pallet	2.15m (70,135) 1.95m (others)	11	77