

Produce Specification: Stonefruit

<u>General Information:</u>	
<p>This specification is for supply of Stonefruit into FSSI Produce DC, any variation to this must be approved by the FSSI Merchandise Manager for Produce</p> <p>All suppliers/growers must be certified in one of the below.</p> <p>NZGAP with Social Practice Add On GlobalGAP GRASP Sedex Smeta</p>	
<u>Shape:</u>	
Plums:	Round to slightly round flat or heart shaped.
Peaches:	Round to slightly oval.
Flatto Peach:	Flat, irregular, doughnut shape, thin skin, small amount of fuzz.
Peacherines:	Round to slightly oval.
Cherries:	Round to heart shaped.
Nectarines:	Round to slightly oval.
Apricots:	Round to slightly oval.
<u>Overall Visual Appearance:</u>	
Plums:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety. Overall the line must look consistent and clean
Peaches:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety. Fruit must have lost its dominant green background appearance
Flatto Peach:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety.
Peacherines:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety. Fruit must have lost its dominant green background appearance
Cherries:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety. Stems to be green and intact.
Nectarines:	Fresh in appearance. Fully developed (mature), clean, dry and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety. Fruit must have lost its dominant green background appearance
Apricots:	Fresh in appearance. Fully developed (mature), clean, dry, and sound. Shape of fruit must be true to variety. Size to be consistent within pack. Colour should be consistent within the pack and true to variety/ fruit must have lost it dominate green background appearance (yellow/orange background must be showing thru) Overall, the line must look consistent and clean.

Temperature:	
Plums:	Arrival Temperature between 1 – 8°C To be stored at 0 - 2°C (Wholesale) To be displayed at 10 - 20°C (Retail) Killing zone (storage at this temp will cause the fruit to go mealy) 3 - 7°C
Peaches:	Arrival Temperature between 1 – 8°C (DC Inwards) To be stored at 0 - 2°C (Wholesale) To be displayed at 10 - 20°C (Retail) Killing zone (storage at this temp will cause the fruit to go mealy) 3 - 7°C
Flatto Peach:	Arrival Temperature between 1 – 8°C (DC Inwards) To be stored at 0 - 2°C (Wholesale) To be displayed at 10 - 20°C (Retail) Killing zone (storage at this temp will cause the fruit to go mealy) 3 - 7°C
Peacherines:	Arrival Temperature between 1 – 8°C (DC Inwards) To be stored at 1 - 3°C (Wholesale) To be displayed at 10 - 20°C (Retail)
Cherries:	Arrival Temperature between 1 – 8° C (DC Inwards) To be stored at 0 - 2°C (Wholesaler)
Nectarines:	Arrival Temperature between 1 – 8° C (DC Inwards) To be stored at 0 - 2°C (Wholesale) To be displayed at 10 - 20°C (Retail) Killing zone (storage at this temp will cause the fruit to go mealy) 3 - 7°C
Apricots:	Arrival Temperature between 1 – 8° C (DC Inwards) To be stored at 0 - 2°C (Wholesale) To be displayed at 10 - 20°C (Retail) Killing zone (storage at this temp will cause the fruit to go mealy) 3 - 7°C
Labelling	
<p>All crates / cartons must be labelled with:</p> <ul style="list-style-type: none"> • Suppliers trading name. • Suppliers trading address. • Pack date • Product name and/or Article Description • Variety • Count • Grade • Shipper Barcode • GAP Number and GAP Name 	
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.	

<u>Defect List:</u>	
Plums:	<p><u>Unacceptable</u> (0% tolerance) Dirt. Dust. Pests. Pest residues. Pest damage. Internal Browning Rot. Discolouration. Foreign smells. Immature / green fruit (greengage will be green). Softness and shrivel. Heavy bruising. Major unhealed cuts, punctures, splits and cracks.</p> <p><u>Minor</u> (10% tolerance) Blemish (maximum 2cm² or 4cm in length skin not broken) Light staining up to 10% on light coloured skin varieties. Light bruising (maximum 1cm²). Russet (maximum aggregate 1cm²). Maximum 1.5 cm cumulative totals with blemish. Hail damage (no more than 2 superficial, healed marks less than 3mm in diameter) skin must not be broken. Minor healed cracks /cuts and punctures up to 1cm in length. Aggregate area on each plum must not exceed 1cm². Pulled stem allowable>no broken skin.</p>
Peaches:	<p><u>Unacceptable</u> (0% tolerance) Dirt. Dust. Pests. Pest residues. Pest damage. Internal Browning Rot. Discolouration. Foreign smells. Immature / green fruit. Softness and shrivel. Heavy bruising. Major unhealed cuts, punctures, splits and cracks.</p> <p><u>Minor</u> (10% tolerance) Blemish (maximum 2cm² and 4cm in length). Hail damage (no more than 2 superficial, healed marks less than 3mm in diameter) skin must not be broken. Block russet (maximum 2cm²) elongated russet maximum 3cm length. Russet (tracery) up to 30% on fruit surface on less than 20% of the fruit. Bacterial marking – up to 20% red speckle on each fruit. Light bruising (maximum 1cm²). Minor healed cracks /cuts and punctures up to 1cm in length. Closed split stone. Pulled stem allowable>no broken skin.</p>
Flatto Peach:	<p><u>Unacceptable</u> (0% tolerance) Dirt. Dust. Pests. Pest residues. Pest damage. Internal Browning Rot. Discolouration. Foreign smells. Immature / green fruit. Softness and shrivel. Heavy bruising. Major unhealed cuts, punctures, splits and cracks.</p> <p><u>Minor</u> (10% tolerance) Blemish (smaller than 1cm² and 2cm in length). Hail damage (no more than 2 superficial, healed marks less than 3mm in diameter). Block russet (no bigger than 2cm²). Bacterial marking – small red speckle (no more than 20% of surface area). Light bruising (no more than 1cm²). Minor healed cuts and punctures. Closed split stone.</p>

<p>Peacherines:</p>	<p><u>Unacceptable</u> (0% tolerance) Chill damage, physical damage, rough scarring. Rot/waste. Dirt. Discolouration. Visible residues. Foreign smells. Excessive softness. Pests, insects. Hail damage.</p> <p><u>Major</u> (5% tolerance) Unhealed physical damage, greening (more than 10% of surface area. Healed light scarring (more than 5% of surface area). Pest damage over 10% of surface area.</p> <p><u>Minor</u> (10% tolerance) Light blemish (no more than 5% of surface area). Mis-shaped fruit.</p>
<p>Cherries:</p>	<p><u>Unacceptable</u> (0% tolerance) Dirt. Dust, Pests. Pest residues. Pest damage. Rot. Bruising. Pulled stems. Sun scorch. Wilt and shrivel. Immature / green fruit. Discolouration, Foreign smells, Bronzing.</p> <p><u>Major</u> (2% tolerance) Unhealed or damp cracks, cuts or punctures. Healed or dry cracks, Cuts or punctures punctures (shallow, dry and no bigger than 5mm). Blemish or russet (no more than 0.25cm²).</p>
<p>Nectarines:</p>	<p><u>Unacceptable</u> (0% tolerance) Dirt. Dust. Pests. Pest residues. Pest damage. Open split stone. Rot. Discolouration. Foreign smells. Immature / green fruit. Softness and shrivel. Heavy bruising. Major unhealed cuts, punctures, splits and cracks.</p> <p><u>Minor</u> (10% tolerance) Blemish (maximum 2cm² and 4cm in length). Hail damage (no more than 2 superficial, healed marks less than 3mm in diameter) skin must not be broken. Block russet (maximum 2cm²) elongated russet maximum 3cm length. Russet (tracery) up to 30% on fruit surface on less than 20% of the fruit. Bacterial marking – up to 20% red speckle on each fruit. Light bruising (maximum 1cm²). Minor healed cracks /cuts and punctures up to 1cm in length. Closed split stone. Pulled stem allowable>no broken skin.</p>

Apricots:	<p><u>Unacceptable</u> (0% tolerance) Chill damage. Major physical damage. Rot. Discolouration. Foreign smells. Immature / green fruit. Softness and shrivel. Deep Bruising. Open split stone. Pests. Pest damage. Dirt and visible residues. Brown rot. Bacterial marking – black centre halo mark.</p>
	<p><u>Minor</u> (10% tolerance) Blemish maximum 4cm in length/2cm squared. Grader rub/burn. Rain damage Healed cracks/Punctures (shallow –maximum 10mm in length) Hail damage (no more than 2 superficial healed marks - no more than 3mm in diameter) skin must not be broken. Block russet (less than 1cm²). Stem pull allowable>no flesh broken Bacterial marking – up to 30% red speckle on each fruit/up to 50% of line. Bruising – light finger marking- maximum 1cm squared</p>



Plums		
		
Scar/Split	Internal Browning	Shrivel and Marking
		
Rotten/mouldy	Frozen	
Peaches		
		
Chill damage/frozen	Split	Mouldy/Rot
Peacherines		
		
Too Green		
Cherries		
		
Scar/Marking	Rot	Split

Nectarines		
		
Marking	Bruising	Frozen
		
Rotten/Mould	Scar	Shrivel
General attributes and sizing guide		
Apricots		
MM Range	Size	Comment
44-46mm	Small	Preferred size for prepacks
47-49mm	Medium	Early Season Loose. Preferred size for prepacks
50-54mm	Large	Preferred size for loose
55-59mm	Large	Preferred size for loose
60-65mm	Extra Large	Preferred size for loose
Plums		
MM Range	Size	Comment
44-46mm	Small	Preferred size for prepacks
47-49mm	Medium	Early Season Loose. Preferred size for prepacks
50-54mm	Large	Preferred size for loose
55-59mm	Large	Preferred size for loose
60-65mm	Extra Large	Preferred size for loose
Peaches		
MM Range	Size	Comment
50-54mm	Small	Prepack early season only
55-59mm	Medium	Preferred size for pre-packs/ Early season loose
60-64mm	Large	Preferred size for loose
65-69mm	Large	Preferred size for loose
70-74mm	Extra Large	Preferred size for loose
75-79mm+	Extra Large	Preferred size for loose
Peacherines		
MM Range	Size	Comment
55-59mm	Medium	Early season loose
60-64mm	Large	Preferred size for loose
65-69mm	Large	Preferred size for loose
70-74mm	Extra Large	Preferred size for loose
75-79mm+	Extra Large	Preferred size for loose

Cherries				
MM Range	Size	Comment		
24mm	Small	Value Grade only/Early season loose		
26mm	Medium	Preferred size loose and prepack		
28mm	Large	Preferred size loose and prepack		
30mm+	Extra Large	Preferred size loose and prepack		
Nectarines				
MM Range	Size	Comment		
50-54mm	Small	Prepack early season only		
55-59mm	Medium	Preferred size for pre-packs/ Early season loose		
60-64mm	Large	Preferred size for loose		
65-69mm	Large	Preferred size for loose		
70-74mm	Extra Large	Preferred size for loose		
75-79mm+	Extra Large	Preferred size for loose		
Sizing must be within the above ranges. Anything outside of this range will be placed on hold by QA and discussed with Buyer and Supplier.				
Table of Articles				
Article	Description	Fruit Size	Count	Packaging
Apricots				
4334568	APRICOTS 10KG NZ PURCHASE	Large	10KG	Carton
4228697	APRICOTS M 10KG NZ PURCHASE	Medium	10KG	Carton
3271206	APRICOTS SM 10KG NZ PURCHASE	Small	10KG	Carton
3200715	PAMS APRICOTS 1KG	Small	12CT	Crate
4336525	APRICOTS PREMIUM 5KG NZ PURCHASE	Large	5KG	Carton
Plums				
4336604	PLUMS BLACK 10KG NZ PURCHASE	Large	10KG	Carton
4228686	PLUMS BLACK MEDIUM KG NZ PURCHASE	Medium	10KG	Carton
3093484	PLUMS GREENGAGE KG NZ	Small/Med	5KG	Carton
3200717	PAMS PLUMS 1KG NZ	Small/Med	12CT	Crate
4337794	PLUMS RED 10KG NZ PURCHASE	Large	10KG	Carton
4226326	PLUMS RED MEDIUM KG NZ PURCHASE	Medium	10KG	Carton
3271220	PLUMS S 10KG NZ PURCHASE	Small	10KG	Carton
4227275	PLUMS OMEGA KG NZ	Large	10KG	Carton
3093425	PLUOTS KG NZ	Large	5KG	Carton
Peaches				
4344240	FLATTO GOLD PEACH 4PK NZ	Medium	12CT	
4343102	FLATTO WHITE PEACH 4PK NZ	Medium	12CT	
4338450	PEACHES HUNNY 12KG NZ PURCHASE	Large	12KG	Crate
4306409	PEACHES HUNNY KG NZ PURCH	Large	12KG	Carton
4203112	PAMS PEACHES 1KG NZ	Small/Med	12CT	Crate
4343759	PEACHES GOLDEN 12KG NZ CRATE PURCH	Large	12KG	Crate
4348155	PEACHES GOLDEN 12KG NZ CARTON PURCH	Large	12KG	Carton
4228511	PEACHES GOLD MEDIUM KG NZ PURCHASE	Medium	12KG	Crate
3271209	PEACHES S 10KG NZ PURCHASE	Small	10KG	Carton
4335499	PEACHES WHITE 12KG NZ PURCHASE	Large	12KG	Crate
4312349	PEACHES WHITE KG NZ PURCH	Large	12KG	Carton
4338901	PEACHES YELLOW 12KG NZ PURCHASE	Large	12KG	Crate
4311376	PEACHES YELLOW KG NZ PURCH	Large	12KG	Carton
4228048	PEACHES YELLOW MEDIUM KG NZ PURCHASE	Medium	12KG	Crate
Peacherines				
4341560	PEACHERINE 12KG CRATE NZ PURCHASE	Large	12KG	Crate
4314680	PEACHERINE KG NZ PURCH	Large	12KG	Carton
Cherries				
4205670	CHERRIES PREMIUM 28MM 2KG NZ	Large	2KG	Carton
3292456	CHERRIES 24MM 5KG NZ PURCHASE	Small	5KG	Carton
4334456	CHERRIES 5KG NZ PURCHASE	Large	5KG	Carton
3200716	PAMS CHERRIES 400G NZ	Large	24CT	Crate
4260620	CHERRIES 900G PUNNET EA NZ	Large	12CT	Crate
3093507	CHERRIES EXPORT 1KG NZ	XLarge	10CT	Carton

Nectarines				
4340355	NECTARINES HUNNY 12KG CRATE NZ PURCH	Large	12KG	Crate
4311642	NECTARINES HUNNY KG NZ PURCH	Large	12KG	Carton
4331005	NECTARINES HUNNY 13KG NZ PURCHASE	Large	13KG	Crate
4342895	NECTARINES HUNNY 14KG NZ PURCHASE	Large	14KG	Crate
3200714	PAMS NECTARINES 1KG NZ	Small/Med	12CT	Crate
4334588	NECTARINES WHITE 12KG CRATE NZ PURCH	Large	12KG	Crate
4309989	NECTARINES WHITE KG NZ PURCH	Large	12KG	Carton
3271207	NECTARINES WHITE S 10KG NZ PURCH	Small	10KG	Carton
4228424	NECTARINES WHITE MEDIUM KG NZ PURCHASE	Medium	12KG	Crate
4341033	NECTARINES YELLOW 12KG CRATE NZ PURCH	Large	12KG	Crate
4308548	NECTARINES YELLOW KG NZ PURCH	Large	12KG	Carton
4290517	NECTARINES YELLOW 13KG NZ PURCHASE	Large	13KG	Crate
4341619	NECTARINES YELLOW 14KG NZ PURCHASE	Large	14KG	Crate
3271208	NECTARINES YELLOW S 10KG NZ PURCH	Small	10KG	Carton
4228097	NECTARINES YELLOW MEDIUM KG NZ PURCHASE	Medium	12KG	Crate