These are the quality standards for New Zealand Nashi (Asian Pears) sold on the Local Market as set by Nashi New Zealand Inc.

**Major cosmetic defects**

**Skin Surface:**
- Sunken black: Nil
- Cuts, punctures and rots: Nil
- Soft fruit, surface deposits: Nil

**Bruising and scuffing:**
- Only slight pressure bruising acceptable.
  
  *Note: Applying excess finger pressure during harvest, along with rough handling during transport or display can bruise the fruit.*

**Minor cosmetic defects**

**Blemish:**
- Maximum aggregated allowance for Russet, Limb and Leaf Rub.
  - Superficial 2 sq. cm.
- Maximum of 4 blemishes on a fruit with a cumulative total of 2 sq. cm. Maximum 10% marked fruit per pack

**Shape:**
- All fruit to be typical of variety.

**Dropped Shoulder, or Raised Base:**
- Allowance: 5% of the total number of fruit per package with none exceeding cumulative angles greater than 30°

**Stems:**
- All stems to be clipped to avoid damaging other fruit

**Variety:**
- Single type per pack

**Deep Ribs:**
- Unacceptable if unsightly, sunken or detracts from typical fruit shape.

**Calyx cracking:**
- Maximum 270° and or 15 mm Diam. Dry healed only.

**Russet:**
- Maximum allowable percentage:
  - Smooth Russet: 100%
  - Rough Russet: Treat as blemish

Clear Skinned Varieties: (Nijisseiki type)
- All: 10% Aggregated per pack.

**Insects:**
- **Allowance**
  - Live: Nil
  - Superficial damage: Treat as blemish
  - Flesh damage: Less than 1%

**Internal Defects:**
- **Allowance**
  - Core Browning: 2%
  - Flesh spot decay: 8%
  - Watery core: 4%
  - Total cumulative: 8% allowance on 100 fruit sample

**Sunburn:**
- Black under surface: Nil

**Silver leaf affected fruit:**
- Hard flesh, no juice: Nil

**Maturity**

The sale of fruit must be based on a representative sample with the following criteria: Taste, Brix, Skin colour.

Minimum brix: Hosui 11%, Nijisseiki 10%

Immature or over mature fruit is unacceptable

**Size/weights definition:**
- Mixed Sizing: No fruit should be noticeably different within any pack.
- Loose packed or crated:
  - Small: 145g – 165g
  - Medium: 165g – 210g
  - Large: 210g – 265g
  - XL: 265g – 365g
  - XXL: 365g – 500+g

Pocket packed: (fruit must fit the pocket)
- 4 Kg tray 30 cm x 40 cm
  - Counts 10, 12, 14, 16, 18, 20, 23

Retail display trays:
- 60 cm x 40 cm. 1 or 2 layer
  - Counts 18, 20, 25, 27, 30, 35, 39, 48

**Labelling**

All packs must display neatly and clearly: Variety, Count, Net Weight, Packing shed and or growers name and address.

**Consignments**

All consignments must have an identification and records system for the purposes of tracing the source.

**Agrichemical Sprays**

All applications must be by GROWSAFE certificated personnel and apply the requirements of that certification.

Food Safety, packaging and all other Grower, Packhouse and transport practices:

NNZ Inc expects all growers to become approved suppliers of the NZGAP Program and to meet the appropriate standards [www.newzealandgap.co.nz](http://www.newzealandgap.co.nz)

**Note:**

These “Quality Standards” form part of the Nashi (Asian Pear) Quality assurance manual and should be read in conjunction with it to have a full understanding of all requirements.