



SNAPDRAGON® BRAND APPLES NY1cv

International Marketing & Quality Standards

Overview

SnapDragon® NY 1 cv. is classified as a bi-colored apple. Its primary color is a bright red blush over light yellow to pale green background, with a white to ivory flesh color. The surface is naturally smooth and shiny. SnapDragon® is typically quite juicy, the optimum flavor profile will be very sweet with hints of vanilla and spice. The texture is very crisp, and boasts a Monster Crunch!

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Marketing Standards	Premium	Class I	Class II
Color	80% to full bright red blush (not stripe) color in a continuous block.	60-80% bright red blush (not stripe) color in a continuous block. Up to 30% compensating shade of red is allowed.	Minimum of 40% bright red blush (not stripe) color in a continuous block.
Quality	Apples of this class must be of superior quality.	Apples of this class must be of good quality.	Apples of this class includes apples which do not qualify in higher classes, but satisfy minimum requirements.
Defects	The fruit must be free of any defects with the exception of very slight or superficial defects, provided they do not affect the general appearance and quality. The fruit's flesh must perfectly sound.	The fruit's flesh must perfectly sound.	
Quality Tolerance	5% of the number or weight may fail to meet Premium, but fulfill the requirements of Class 1.	10% of the number or weight may fail to meet Class 1, but fulfill the requirements of Class II.	10% may fail to meet Class II or minimum requirements with the exception of rot or damage that makes them unfit for consumption

Defects & Tolerances	Premium	Class I	Class II
Maturity	The apples must be sufficiently developed and display satisfactory ripeness. Overmature apples are not allowed in commercial packages.		
Malformed/off shape	The apple must be fairly well formed. The shape must be characteristic of the variety: round to conical, slightly tapered. Obvious misshapen fruit is unacceptable (including dropped shoulder). Tolerance up to 15°		
Blemishes: scars, limb rub, scratches	Superficial marks permitted up to 1 cm ² .	Superficial marks permitted up to 1 cm ² .	Dark brown or black marks allowed up to 2.5 cm ²
Surface Deposits & Dirty Fruit	No surface deposits are allowed on the fruit. The apples must be clean. Dust is permitted in the crevice around the stem and in the calyx end.		
Greasiness	Nil	Nil	Nil
Decay	Nil	Nil	2% tolerance of very minor signs of decay.
Bruising	Nil	Maximum 1 cm ² surface area, insignificant and not discolored. Bruising must not detract from the appearance and edibility of the apple. Old bruises are not acceptable.	Maximum 1.5 cm ² surface area, minor and slightly discolored. Bruising must not detract from the appearance and edibility of the apple. Old bruises are not acceptable.
Bitter Pit : Internal or External	Nil	Nil	A 2% tolerance is allowed in Class II.
Internal Browning & Internal Disorders	Nil	Nil	Small internal defects are allowed in Class II.

Defects & Tolerances	Premium	Class I	Class II
Russett	Very slight stem bowl russetting is allowed, it must be contained with the stem cavity. No rough russet allowed.	Smooth, net-like russetting may not exceed 20% of the apple's surface. Dense russetting may not exceed 5% of the surface. Smooth russet less than 1.5cm ² is permitted.	Russet outside of the stem bowl or calyx may be slightly rough. Net-like russetting may not exceed 50% of the surface area. Dense russetting shall not exceed 30% of the total fruit surface.
Scab/Black Spots	Nil	Nil	A 2% tolerance is allowed in Class II
Scald	Nil	Nil	Nil
Insect Damage	Must be free from damage by insects	Must be free from damage by insects	2% tolerance for insect damage
Stem Punctures, Skin Breaks & Mechanical Injury	Nil	Nil	2% tolerance for insignificant damage or unhealed cracks is allowed in Class II
Stem Bowl or Calyx Splits and Cracks	No open splits or cracks Healed splits/cracks can be no longer than 10 mm and less than 1 mm wide, and must be contained within the stem bowl or calyx basin		
Sunburn/Sprayburn	Nil	Must be slight, superficial. A slight discoloration of the surface, no greater than 6 mm in diameter is allowed. Obvious sunburn is not permitted.	Must be slight, superficial. A slight discoloration of the surface, no greater than 6 mm in diameter is allowed. Obvious sunburn is not permitted.
Sun Tinting	No defined edge between the affected area and the surrounding skin.	No defined edge between the affected area and the surrounding skin.	Sun Tinting is acceptable
Hail Damage	2 mm aggregate area; 1.5 mm inch depth. A maximum of 3 small spots total aggregate are permitted in Premium and Class I No allowance for broken skin or broken/healed skin		

Notes for future discussion:

- Watercore
- Wilt/Shrivel
- Lenticel Damage
- Hammering or ridging?
- NZ notes Class II is very relaxed compared to their standard