

Apple Background



- There are more than 225,000 acres of apple orchards in Washington
- By 1826 early settlers realized Washington had an excellent climate for growing apples
- Commercial orchards were established in 1889
- The lava rich soil and sunshine created these conditions.
- Controlled irrigation. Eastern Washington is considered a desert



Apple Background



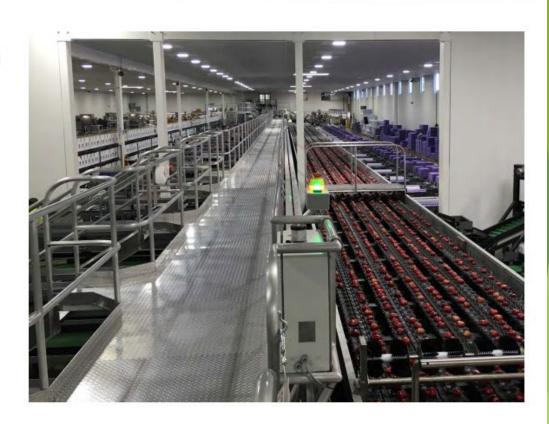
- Irrigation systems are a necessity as the climate is considered desert
- An estimated 35,000-45,000 workers are employed during the peak of harvest
- 10-12 billion Washington apples are picked by hand each year.
- Americans eat approximately 19lbs of apples per year compared to about 46lbs consumed by Europeans



WA Apple Varieties



- Red Delicious*
- Golden Delicious*
- Granny Smith*
- Gala*
- Fuji
- Braeburn
- Jonagold
- Rome
- Pink Lady
- Cameo
- Honeycrisp
- Ambrosia
- SugarBee
- Cosmic Crisp



Grading Specs



<u>Variety</u>	<u>Grade</u>	Color
Red Delicious	Washington Extra Fancy Premium	90% min100% dark red, with 95% good red
	Washington Extra Fancy #1	85% min95% dark red, with 90% good red
	Washington Extra Fancy #2	66% min90% good red color
Golden Delicious	Washington Extra Fancy Premium	Light Green, White, or Yellow
	Washington Extra Fancy #1	Green to Yellow
	Washington Extra Fancy #2	All colors with defects
Granny Smith	Washington Extra Fancy Premium	Full Green
	Washington Extra Fancy #1	Blush, Light Green
	Washington Extra Fancy #2	All colors with defects
Gala	Washington Extra Fancy Premium	75% minimum red color
	Washington Extra Fancy #1	50% minimum red color
	Washington Extra Fancy #2	30% minimum red color (with defects)
Honeycrisp	Washington Extra Fancy Premium	70% minimum red color

Type

good to excellent fair to excellent fair to excellent



Grading Specs



Variety	<u>Grade</u>	Color
<u>Fuji</u>	Washington Extra Fancy Premium	75% minimum red color
	Washington Extra Fancy #1	50% minimum red color
	Washington Extra Fancy #2	30% minimum red (with defects)
Braeburn	Washington Extra Fancy Premium	75% minimum red color
	Washington Extra Fancy #1	50% minimum red color
<u>Jonagold</u>	Washington Extra Fancy Premium	75% minimum red color
	Washington Extra Fancy #1	50% minimum red color
Pink Lady	Washington Extra Fancy Premium	75% minimum red color
	Washington Extra Fancy #1	50% minimum red color
Red Rome	Washington Extra Fancy Premium	100% good red color
	Washington Extra Fancy #1	85% to 100% red color

Type



Sizing Table





100ct and smaller apples receive a Small PLU sticker

	Apple Sizes	
<u>Size</u>	<u>Weight</u>	Diameter (inches)
48	14.0 oz	3.64
56	12.0 oz	3.52
64	10.5 oz	3.40
72	9.3 oz	3.29
80	8.4 oz	3.19
88	7.6 oz	3.05
100	6.7 oz	2.93
113	5.9 oz	2.84
125	5.4 oz	2.75
138	4.8 oz	2.69
150	4.5 oz	2.62
163	4.1 oz	2.54
175	3.8 oz	2.46
198	3.4 oz	2.39
216	3.1 oz	2.31



Imperial Box

Sysco Freshpoint Imperial Fresh Apple Top LV686

INKS:

GCMI 3086



Reliance Box

Sysco Freshpoint Reliance Fresh Apple Top LV686

INKS:

GCMI 22



Hotel Pack-5 Layer with Pear

Great for any customer who wants multiple varieties, but limited on storage space. Packed as a 40 pound, 5 layer carton using 100ct Red Delicious, Gala, Granny Smith, Golden Delicious and D'Anjou pear.



Gala Apple Grade Standards



WAXF Premium A

Color: Color encompasses both total surface color and intensity. Intensity should be medium to high.

Surface should be at least 60% **good red color** with compensating stripe color and breaking background.

Defects: Should not exceed 8% total.



WAXF #1 (B)
Color: 30% minimum good red color with compensating stripe color around surface of fruit.

Defects: Should not exceed 10% total.



WAXF #2 (C)

Color: Surface should have a tinge or more good red color with good breaking background color (cream to yellow in color).

Defects: Should not exceed 10% total.



USXF/WA Fancy

Color: Surface should have a tinge or more good red color with good breaking background color (cream to yellow). Higher color Galas with defect will be downgraded to USXF/WA Fancy box.

Defects: Should not exceed 10% total





Red Delicious Grade Standards

WAXF Premium A

Color: Color encompasses both total surface color and intensity. Intensity should be high. Surface should be at minimum 90% to 100% good red color with 90% good dark red color.

Type: Fruit should have good to excellent type. Based on the industry scale that would be 6-10 (no round and squatty fruit).

Defects: Should not exceed 8% total. Defects should not exceed the following:

- Limb rub no larger than ¼"".
- o Russet 10% smooth net like, 5% smooth solid, ½" slight rough, ¼" rough.
- Bruises no more than ½" or no more than ¾" aggregate area whichever is less.



WAXF #1 (B)

Color: Surface should be 75% to 90% good red with average 80% good dark red color.

Type: Fruit should have good to excellent type. Based on the industry scale that would be 6-10. The trays should look consistent with regards to type.

Defects: Should not exceed 10% total. Defects should not exceed the following:

- Limb rub no larger than ¼".
- Russet 10% smooth net like, 5% smooth solid, ½" slight rough, ¼" rough.
- Bruises no more than ½" or no more than ¾" aggregate area whichever is less.





Red Delicious Grade Standards

WAXF #2 (C)

Color: Surface should be 66% minimum and meet WSDA color requirements.

Type: Fruit in this grade will be the downgrade from A and B that do not make the industry type scale of 6-10. Includes all round squatty and pinched calvx fruit.

Defects: Same as B grade.



USXF

Color: 66% minimum red with compensating color that meets WSDA color requirements.

Type: All

Defects: To USXF Standards



General info
Weight: 40lbs. (Net)
PLU: Sizes 100 and smaller-4015.
Sizes 88 and larger-4016
Sticker coverage should be a minimum of 90%



Bruising



Compression Marks / Bruise



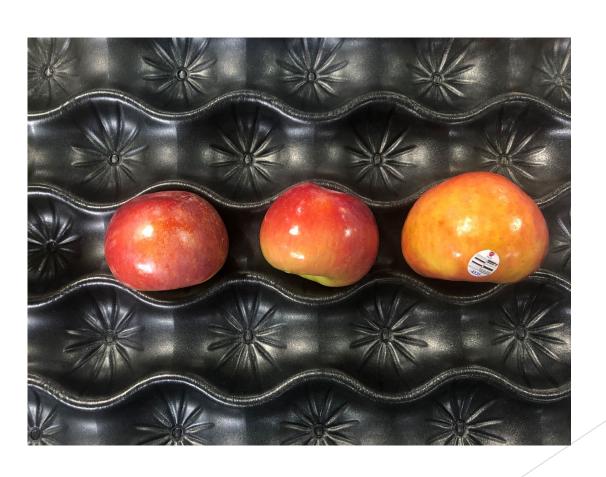
Bruising



Russet



Sunburn



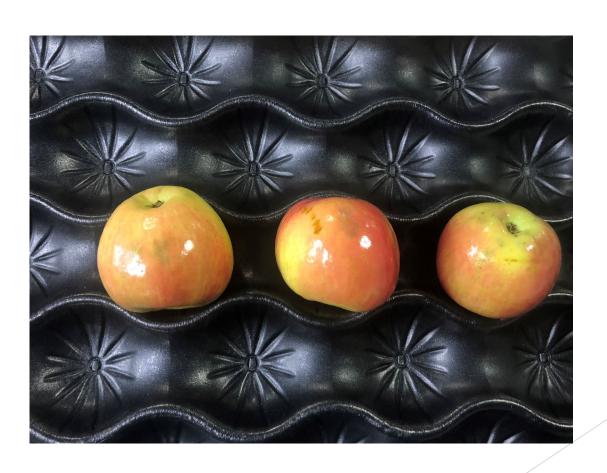
Limb Rub



Hard Water Deposit



Mechanical rub



Insect Flower Thrip



Stem Cracking



Stem Split

