

XF Grades

Grade Factor	Defect	Serious Damage
Apple Scab	None	Area: 3/4" diameter
Bitter Pit, Jonathan Spot	None	Thinly scattered over more than 1/10 th of the surface
Bruises	Depth: 1/8"	Depth: 3/8"
	Area: 5/8" diameter	Area: 1-1/8" diameter
	Aggregate: Any combination of lesser bruises which detract from the appearance or edible quality of the apple	Aggregate: Any combination of lesser bruises which detract from the appearance or edible quality of the apple
Broken Skin – Unhealed	None	
Broken Skin – Healed	None	
Cedar Apple Rust	Aggregate: 3/16" diameter	Area: 3/4" diameter
Cork Spot or Other Similar Depressions	Depth: 1/16"	
	Area: 1/8" diameter	
	Aggregate: 1/2" diameter	
Decay	None	None
Dirt, Spray Residue	Free from excessive amount	Seriously detracts from appearance
Internal Breakdown	None	None
Internal Browning	None	None
Insect Stings – Healed	Area: 1/8" diameter (including encircling discolored rings)	Area: 1/4" diameter (including encircling discolored rings)
Limb Rubs	Aggregate: 1/4" diameter brown or black (light brown handled as russet)	Affects more than 1/10 th of surface
Red Skin Spots	Thinly scattered, 1/10 th of surface. Dark heavy concentrated 1/4" in diameter.	Affects more than 1/3 rd of surface
Russet, Smooth Net-Like	10%	
Russet, Smooth Solid	5%	Aggregate: More than ½ the surface including stem cavity and calyx basin
Russet, Slightly Rough	1/2"	
Russet, Rough	1/4"	
San Jose Scale	More than 1 on yellow or green. More than 2 on red.	
Shape	Fairly well formed	
Sooty Blotch, Fly Speck	Thinly scattered, 5% of surface. Dark, heavily concentrated 1/4" in diameter.	Affects more than 1/3 rd of surface

Stem and Calyx Cracks	Well healed, 1/4" aggregate length	Not healed or healed greater than 1/2" aggregate length
Sunburn, Sprayburn	When discoloration does not blend into normal color of fruit	Seriously detracts from appearance of fruit
Watercore, Visible	None	Affects are more than 1/2" in diameter
Watercore, Invisible – (Harvest to January 31 st .)	Not Scored	Not Scored
Watercore, Invisible – (After February 1 st .)	Scored as damage if severe (see charts). Note: Fuji is not graded for invisible watercore.	