APPLE • APPLE • APPLE • APPLE • APPLE • APPLE

FIRMAN Pollen Co., Inc.

Serving Agriculture Since 1933

APPLE ALLELES

S1 S3	
Honglo	S1 S3
Northern Spy	S1 S3

S1 S9	
Fuji	S1 S9

S2 S3	
Golden Delicious	S2 S3
Jonagold	S2 S3 S9
Mutsu	S2 S3 S20

S2 S5	
Gala	S2 S5

S2 S20	
Snap Dragon (NY1)	S2 S20

S2 S23	
Cripps Pink (Pink Lady)	S2 S23

S2 S24	
Honey Crisp	S2 S24
Jazz	S2 S24

S2 S28	
Cameo	S2 S28

S3 S5	
Elstar	S3 S5
Winter Banana	S3 S5

S3 S7	
Idared	S3 S7
Sgaru	S3 S7

S3 S23	
Granny Smith	S3 S23

S3 S28	
Ginger Gold	S3 S28

S5 S9	
Envy	S5 S9

S5 S24	
Cosmic Crisp	S5 S24
Nicoter (Kanzi)	S5 S24
Smitten	S5 S24

S9 S24	
Ruby Frost (NY2)	S9 S20

S9 S24	
Braeburn	S9 S24

S9 S28	
Red Delicious	S9 S28

S10 S25	
McIntosh	S10 S25

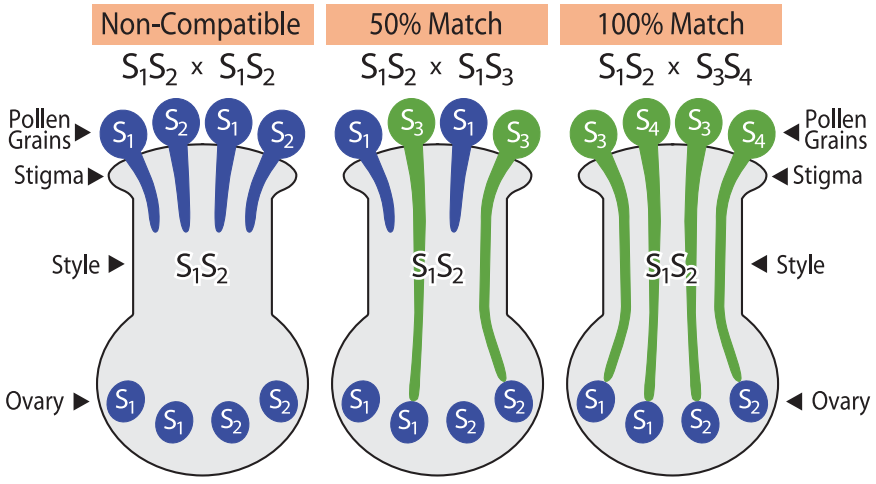
S10 S28	
Empire	S10 S28

S20 S24	
Rome	S20 S24

S24 S55	
Minneiska	S24 S55

Crab Apple Alleles	
Mt. Blanc	S3 S58
Manchurian	S5 S39b
Mt. Evereste	S20 S26
Frettingham	S24 S25
Snow Drift	S25 S45b
Indian Summer	S26 S50b
Adriondack	S30 S45b S46

IMPORTANCE OF S-ALLELES



Every variety has 2 distinct S-Alleles and can be either non-compatible, 50% compatible or 100% compatible. Pollen grains are either one S-allele or the other. Pollen grains that share a common S-allele with the flower are unable to grow a pollen tube through the style and can not fertilize the flower.

Find all of our S-Allele Charts on FirmanPollen.com

Questions? Don't hesitate to call us:

Firman Pollen

800-322-8852 | FirmanPollen.com

301 N 1st Avenue | Yakima, WA 98902 | 509-452-8063 | Fax: 509-453-6838