FIRMAN Pollen™

APPLE POLLINATION

Serving Agriculture Since 1933







King bloom.
Setting the best flower is a giant step toward growing the best apple. Applying Firman Apple Pollen to your field when the king blossoms are ready, increases their set and your return. An apple set on a king bloom will be up to three sizes larger than an apple from a side bloom on the same spur.

Seed count.
Without proper pollination, apples do not form the maximum number of seeds, producing smaller and misshapen fruit.

Calcium levels.
Properly pollinated apples have higher calcium levels, which improves storability, enhances maturation and reduces defects, such as bitter pit.

Light pollinizer bloom.
A shortage of pollen in the field will produce a shortage of quality apples at harvest. Applying Firman Apple Pollen to your field adds the pollen that your pollinizers have not supplied.

Poor bloom overlap.
Apple flowers are only receptive for 12 to 48 hours, depending on the weather. Losing the receptivity of the king blossom while waiting for the pollinizers to bloom will decrease your returns. Firman Pollen™ is there when your pollinizers are not.

Fighting the weather.
Battle poor springtime weather with Firman Pollen™. Poor spring weather decreases bee flight, decreasing pollination and reducing crop size. Using supplemental pollen during the breaks in weather, when the bees are able to fly, increases bee efficiency, enhances pollination and improves crop quality.

Crop assurance.
Even before the petals start to fall, your total crop is set. Using Firman Pollen™ puts more of the right kind of apples on your trees. If you can increase your King Bloom set and raise the average apple just one box size, your pollen payback will be phenomenal.

It pays to use Firman Pollen.™



APPLE • APPLE • APPLE • APPLE • APPLE • APPLE • APPLE

CERTIFIED PREMIUM FP

Firman Pollen™

800-322-8852 | FirmanPollen.com

301 N 1st Avenue | Yakima, WA 98902 | 509-452-8063

REV-1.0 : 10/12/26

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APPLE ALLELES

S1 S3	
Honglo	S1 S3
Northern Spy	S1 S3

S1 S9	
Fuji	S1 S9

S1 S24	
Evercrisp	S1 S24

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

S2 S5	
Gala	S2 S5
Sunrise Magic/Wa2	S2 S5

S2 S9	
Splendour	S2 S9

S2 S20	
Snap Dragon (NY1)	S2 S20

S2 S23	
Cripps Pink (Pink Lady)	S2 S23

S2 S24	
Honey Crisp	S2 S24
Jazz	S2 S24
Juici	S2 S24

S2 S28	
Cameo	S2 S28

S2 S55	
Rave	S2 S55

S3 S5	
Elstar	S3 S5
Winter Banana	S3 S5

S3 S19	
Courtland	S3 S19

S3 S28	
Ginger Gold	S3 S28
Ambrosia	S3 S28

S5 S9	
Envy	S5 S9

S5 S10	
Enterpise	S5 S10

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

S7 S24	
Frostbite	S7 S24

S8 S9	
Haralson	S8 S9

S9 S24	
Ruby Frost (NY2)	S9 S20

S3 S7	
Idared	S3 S7
Sgaru	S3 S7

S3 S23	
Granny Smith	S3 S23

S9 S24	
Braeburn	S9 S24

S9 S28	
Red Delicious	S9 S28

S10 S24	
SugarBee®	S10 S24
Ludacrisp	S10 S24

S10 S25	
McIntosh	S10 S25

S10 S28	
Empire	S10 S28

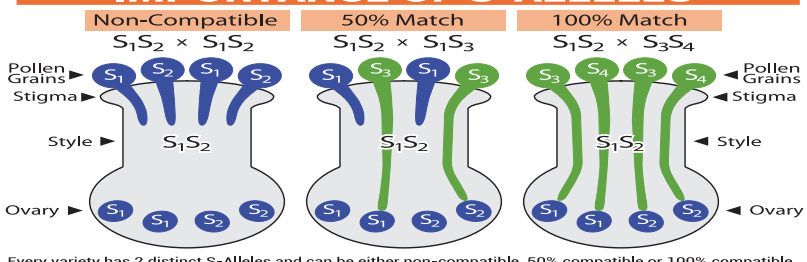
S20 S24	
Rome	S20 S24

S24 S55	
Minneiska	S24 S55

S24 S55	
Minnewashta	S25 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:

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