



EDIBLE  
GARDENING  
SERIES



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# Apple Pollination

## Understanding Apple Pollination

For pollination you need to have two different apple varieties! Apples, with the exception of the Queen Cox self fertile, don't pollinate themselves. Apples also don't pollinate other fruits!

All the apples listed in **RED** letters with asterisks(\*) are **triploids**. These will not pollinate other varieties or themselves. However they are pollinated by other apple varieties. So **Gravenstein**, which is a triploid, won't pollinate any other variety. However it can be pollinated by another variety that blooms near the same time.

The EARLY SEASON bloomers and the LATE SEASON bloomers won't cross pollinate because their bloom time is too far apart and the early varieties will be done blooming before the late ones start.

It is best to pick a pollinator in the same half of the total list. The closer the two varieties are in bloom time, the more their bloom will overlap and the more likely you will get pollination and therefore fruit set.

What is important is to choose a pollinator that is not too far in bloom time from your variety. For instance Liberty and Dayton are close enough to count on for pollination whereas Liberty and Fiesta are far enough away to often work, but not always. Zestar and King Edward would rarely if ever overlap in bloom. While the bloom order stays generally similar in different parts of the nation and in different years, the actual bloom dates change year to year depending on the weather.

### Early Season

WSU AxP, **Gravenstein\***, Zestar, Brown Russett, Egremont Russett, Alkemene, William's Pride

### Early-Mid Season

Golden Russet, Granniwinkle, Pink Cloud, Chehalis, Mott Pink, Pristine, Scarlet Sentinel, Egremont Russet, Dolgo, Holstein, Liberty, Silken, Centennial, Sansa, Akane and Puget Spice

### Mid Season

Enterprise, **Jonagold\***, Almata, Golden Sentinel, Belmac, North Pole, Rebella, Arkcharm, Empire, Spartan, Dabinett, Snow Sweet, **Red Booskoop\***, **Shizuka\***, Greensleeves, Fameuse, Beni Shogun, Dayton, **Ashmead's Kernel\***, Hudson's, Releika, Spitzenberg, Evereste, Rubinette, **Karmijn\***, Red Flesh and Campfield

### Mid-Late Season

Honeycrisp, Shay, Pink Lady, Foxwhelp, Braeburn, Melrose, Harrison, Frequin Rouge, Queen Cox Self Fertile, Goldstar, Wolf River, Fiesta, Ellison's Orange, King Edward VII, Michelin, Kingston Black and Arkansas Black

### Late Season

Northern Spy, Flower of Kent, **Thompkins King\*** and **Bramley\***

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