

# TO GROW APPLES YOU NEED PROPER POLLINATION

- For pollination you need to have two different apple varieties! Apples with the exception of the Queen Cox self fertile don't pollinize themselves. Apples also don't pollinize other fruits!
- Please note that there are some cultivars that are new to us and we don't know their relative bloom time. To be safe choose a mid season pollinizer for those varieties.
- All the apples listed in red are triploids. These will not pollinate other varieties or themselves. However they are pollinized by other apple varieties. So Gravenstein which is a triploid won't pollinize any other variety. However it can be pollinized by another non-triploid variety that blooms near the same time.
- How to read the lists! We have listed the apple varieties we offer from the earliest bloomer which is Gravenstein, to the latest bloomer which is Bramley.
- 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 pollinizer 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 pollinizer 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 Melrose are far enough away to often work but not always. Zestar and Bramley 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 MID SEASON

**Gravenstein**  
Zestar  
Brown Russet  
William's Pride  
Pink Pearl  
Wynooche

Enterprise  
**Jonagold**  
Almata  
Golden Sentinel  
Belmac  
North Pole  
Blushing Delight  
Sweet Sixteen

## MID-LATE SEASON

Honeycrisp  
Shay  
Pink Lady  
Foxwhelp  
Melrose  
Harrison  
Frequin Rouge  
**Queen Cox**  
Goldstar  
Wolf River  
Ellison's Orange  
Dabinet  
King Edward VII  
Michelin  
Kingston Black  
Arkansas Black

## EARLY-MID SEASON

Granniwinkle  
Pink Cloud  
NY 75414-1  
Chehalis  
Mott Pink  
Pristine  
Scarlet Sentinel  
Egremont Russet  
Bardsey  
Dolgo  
**Holstein**  
Liberty  
Silken  
Centennial  
Sansa  
Akane  
Puget Spice  
Hewes  
Cherry Cox

Tasty Red  
Golden Treat  
Bella  
Spartan  
Empire  
**Red Boskoop**  
**Shizuka**  
Greensleeves  
Fameuse  
Beni Shogun  
Dayton  
**Ashmead's**  
Hudson's  
Newtown Pippin  
Evereste  
Rubinette  
**Karmijn**  
Hansen's Red Flesh  
Campfield  
**Roxbury Russett**  
Johnny Applesseed  
Fort Vancouver

## LATE SEASON

Northern Spy  
Flower of Kent  
**King**  
**Bramley**

● Not a pollinizer

● Self fertile

## APPLE RIPENING ORDER

### AUGUST

Dolgo Crab  
Centennial  
Williams Pride  
Zestar  
Wynooche  
Pristine  
Sansa

Silken  
Ellison's Orange  
Gravenstein  
Queen Cox  
Mott Pink

### MID-LATE SEPTEMBER

Chehalis  
Dayton

North Pole  
Wolf River  
Beni Shogun  
Pink Pearl  
Bardsey  
Bella  
Tasty Red  
Blushing Delight  
Greensleeves  
Empire

Puget Spice  
Scarlet Sentinel  
Pink Lady  
Shay  
J. Applesseed  
Fameuse  
Hewes  
Frequin Rouge

### EARLY-MID OCTOBER

Bramley  
Hansen's Red Flesh  
Belmac  
G. Sentinel  
Honeycrisp  
King Edward  
Liberty  
King

Fort Vancouver  
NY 75414-1  
Egremont  
Rubinette  
Spartan  
Jonagold  
Karmijn  
Sweet Sixteen  
Ashmead's  
Shizuka  
Almata

Cherry Cox

### MID-LATE OCTOBER

Kingston  
Goldstar  
Foxwhelp  
Flower of Kent  
Arkansas B  
Evereste  
Holstein

Melrose  
Roxbury  
Newtown  
Pippin  
Enterprise  
Boskoop  
Hudson's  
B & G Russett  
N. Spy  
Campfield

## About Rootstock & Tree Spacing

Most of our apple trees are grafted on the dwarfing EMLA 26 rootstock. (Check the rootstock available after each varietal description.) It is a superior choice for backyard growers and produces a tree that will grow to 8'-14' tall. As you can see from the chart below, some varieties on the same rootstock grow bigger than others and need

greater spacing. Our rootstocks are winter hardy to USDA Zone 4 and tolerate a wide variety of soils. They induce heavy early fruit production and make a well anchored tree. Chart includes varieties for

### APPLE TREE APPROXIMATE HEIGHT & SPACING CHART

Rootstock	4 feet	5 feet	6 feet	8 feet
EMLA 27				
Bud 9,	6 feet	7 feet	9 feet	11 feet
EMLA 26	8 feet	10 feet	12 feet	14 feet
EMLA 7	11 feet	14 feet	16 feet	18 feet
MM 106	18 feet	24 feet	27 feet	32 feet
Antanovka Full Size				

