

# *Apple Fruiting*

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**Spur and Semi-spur Apple Varieties – Over 1000 spur and semi-spur varieties listed.** Apple trees that have fruit on spurs or semi-spurs are more dwarfing. They also require special pruning techniques.

**Tip and Partial-tip Apple Varieties – Over 350 varieties listed.** Fruit are borne on the tip of the branches, and are weeping and require little to no pruning.

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## SPUR-TYPE FRUITING APPLES FOR THE HOME ORCHARD

For home orchardists there are several advantages in growing spur-type trees. As the name indicates, the fruit is borne on spurs. Spurs are slow growing leafy shoots and have a mixed terminal bud. A mixed terminal bud will produce shoot and flowers. In apples, spurs develop on two-year old shoots from axillary buds located at the base of each leaf. Axillary buds on a spur can give rise to shoots or new spurs. A branched spur system forms after several years when new spur form on old spurs. Spur-type strains are more dwarfing than the standard stain. When spur and standard strains were compared in Washington rootstock trials, the spurs were 25% smaller than standard stains. Spur-type apples have a growing and fruiting characteristic in which lateral (axillary) buds on two year old wood gives rise to a higher portion of spurs and fewer lateral shoots than occur with standard growth habits. This gives the tree a more open canopy and compact growth habit than standard trees. Research indicates that they have approximately half the canopy volume of standard strains. Spur-type varieties generally have strong, narrow-angled lower branches and a relatively weak central leader. All of this makes them easier to prune.

Spur-type trees are usually mutations of standard fruiting trees. Because of this, growers and nurserymen are watching for these mutations to occur. Note the number of spur-type Red Delicious.

In older spur-type trees, the spurs will dominate growth and there will be little to no annual shoot growth. Therefore, spur-type trees require special pruning techniques to encourage spurs and replace old spurs.

### A PARTIAL LIST OF SPUR & SEMI-SPUR APPLE CULTIVARS (1,039 Listed)

'Ace Spur Delicious'  
'Acme'  
'Adam'  
'Adams Apple'  
'Admiral'  
'Advance' ('Laxton's')  
'Aivania'  
'Akane'  
'Akerō'  
'Akin'  
'Alamata'  
'Alamata Akin' semi-spur  
'Alexander'

'Alfriston'	
'Alkmene'	
'Allen's Everlasting'	
'Allington Pippin'	
'Alnarp 2'	semi-spur
'Alpha 68'	
'Alpha 68B'	semi-spur
'Amanashiki'	
'Amanishiki'	
'Amasya #2'	semi-spur
'Amasya #3'	
'Amasya #4'	
'Amasya #5'	
'Ambrosia'	semi-spur
'Amelia'	semi-spur
'Amsib Crab'	semi-spur
'American Forestier'	
'American Golden Russet'	
'American Summer Pearmain'	
'Amelia'	semi-spur
'Amzr Gauthier'	
'Ananas Berzenicki'	semi-spur
'Ananas Reinette'	
*'Anderson Red Delicious'	
'Anis'	
'Anis Aliy K-32'	semi-spur
'Anisim'	semi-spur
'Annie Elizabeth'	
'Antonovka'	semi-spur
'Antonovka Kamenichka'	
'Antonovka 172670-B'	semi-spur
'Api'	
'Api Noir'	
'Api Rose'	
'Apple Babe'	
'Applewaites' <sup>TM</sup>	
'Apricot Apple'	
'Ard Cairn Russet'	
'Arkansas'	
'Arkansas Black'	spurs and short shoots
*'Arkansas Black, Compspur'	
*'Arkansas Black, Spur'	
*'Arkansas Black, Starkspur'	



**Buy the full 35 page document now!**

Available as an instant download in the same format as this sample, the full eBook has over **1350** varieties listed. Also includes listing of Tip & Partial Tip bearing varieties.

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