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## Prune Now or Pay Later

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## GARDEN NOTES

# PRUNE NOW OR PAY LATER

*By Dennis Hinkamp*

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You wouldn't wait for children or even puppies to be full grown before you started teaching them some manners. Why wait till you need a hook and ladder truck to prune your trees?

"I enjoy training and pruning fruit trees," says Jerry Goodspeed, Utah State University Extension horticulturist. "To me, it is an art. It allows me to express myself and create with nature. Most people, however, find pruning to be a chore, so they keep putting it off."

There are many reasons a tree or shrub may need to be pruned, he says. Fruit trees are normally trained and pruned to increase their productivity and keep their size under control. It is best to prune them on an annual basis, starting the first year they are planted. Too many people wait until the tree is five or ten years old before they consider pruning. Begin training a tree the first year it is planted.

Don't let first-time pruning intimidate you, Goodspeed says. Decide for yourself how you want the tree to look in five, 10 or even 20 years then start to shape it as you prune. The main objective of pruning fruit trees is to keep the tree open, allowing light to penetrate into the center of the tree.

New fruit trees normally need four to six branches to form the lower scaffolding layer, he says. In orchards, many trees are trained with a central leader with many scaffolding layers. For backyard orchardists with only a few trees it's best to prune fruit trees as an open vase. An open vase tree has only one scaffolding layer where the center of the tree remains open.

"In this instance, the five or so branches that are kept should be three to five feet off the ground, and spaced evenly around the tree," he explains. "This is the framework for the open vase. As these branches grow they become the major wood which produces the fruit. Picture the tree as a giant solar collector, and space the branches around the tree to optimize the amount of sun it can collect.

"Apple, pear and cherry trees naturally try to grow a central leader, or a main trunk system. Removing the leader to create an open vase makes the tree take on an unnatural shape. The branches may each try to become the main trunk and grow upright. This needs to be discouraged."

Train branches to grow in a horizontal direction by either tying them down with string, placing weights out on the ends of the branches or placing a spacer in the fork to force a wider angle, Goodspeed says. Most spacers are made with a piece of 1 x 1 wood with finishing nails placed in both ends to keep it steady. Be careful whenever bending and forcing a branch down. Do this after the sap starts to flow in the tree so the wood is pliable. Begin forming only young wood branches. Do not try to bend any wood more than a year or two old.

This is another reason it's important to begin training a tree when it is young, the tree is still pliable enough to bend, he adds. Leave spacers in the tree for a year or two, then remove them or place in another part of the tree. Trained wood will remain that way for the rest of the tree's life.

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