

## Nut Crops for Tennessee

### Pecans

Cultivar	Time of Pollen Shed	Scab Susceptibility	Notes
A. Mid-season approximately 180-190 days to mature			
Stuart	Protogynous*	S	Large, attractive nut, thick shell, slow to come into bearing, requires at least 190 to 200 days to mature.
Kiowa	Protogynous	S	Matures three days after Stuart. 48 nuts/lb. Kernel occupies 58 percent of nut volume. Highly resistant to scab, black aphid, sooty mold and phylloxera. Very susceptible to hickory shuckworm. May alternate bear with age.
Gloria Grande	Protogynous	S	Matures about six days ahead of Stuart. 44 nuts/lb. 48 percent kernel fill. High scab resistance. Low resistance to black aphid. Resistant to stinkbug once shell hardens. Hard to hand-crack.
Maramec	Protogynous	R	Seedling of Mahan. Very resistant to winter injury. Large, high quality nuts mature three days before Stuart.
Forkert	Protogynous	S	Matures four days before Stuart. 48 nuts/lb. 68 percent kernel fill. Mildly scab susceptible. Thin shell.
GraTex	Protogynous	R	Matures five days before Stuart. Low susceptibility to winter injury. Sheds pollen late.
Shawnee	Protogynous	S	Matures seven days ahead of Stuart. Good quality. 57nuts/lb. Kernel fill 56 percent. May alternatively bear.
Caddo	Protandrous	S	Matures eight days before Stuart. 70 nuts/lb. Kernel fill 55 percent. Thin shell. Cracks well Good quality.
Pawnee	Protandrous	R	Large nut size. Matures ahead Maramec. Good quality.
Mohawk	Protogynous	R	Large nut, heavy-bearing tree.
Shoshoni	Protogynous	S	Large nut, heavy-bearing, tree has an upright growth pattern.
Giles	Protandrous**	S	Good nut quality, tree begins to bear early.

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<b>B. Short-season-approximately 160-175 days to mature</b>			
<b>Cultivar</b>	<b>Time of Pollen Shed</b>	<b>Scab Susceptibility</b>	<b>Notes</b>
Osage	Protandrous	R	Matures 31 days before Stuart. 82 nuts/lb. 55 percent kernel fill. High quality Good scab resistance. May alternately bear.
Peruque	Protandrous	I	Good -shaped nut, scab-susceptible, medium productivity.
Major	Protandrous	R	Round nut, small-to-medium size, high quality, good production.
Greenriver	Protogynous	R	Good-shaped nut, requires 175 to ] 80 days to mature, tree slow to bear.
Posey	Protogynous	R	Good quality, tree produces much pollen.
Colby	Protogynous	R	Good quality, desirable shape.

\*Protogynous-female flowers are receptive prior to pollen shed.

\*\*Protandrous-pollen is shed before female is receptive.

A protandrous and a protogynous cultivar should be planted within 500 to 1,000 feet of each other to help assure good cross-pollination.

### Chestnuts

<b>Cultivar</b>	<b>Approx,# Nuts/lb.</b>	<b>Years from Planting to Bearing</b>	<b>Nut Color</b>	<b>Comments</b>
Crane	32	2-3	Dark cherry red	Excellent flavor.
Eaton	30-40			Nuts mature up to one week earlier than other cultivars; nut quality is excellent; trees are attractive and bear large, annual crops
Orrin	32	2-3		Nuts mature a few days before Nanking; keeping quality is excellent.
Nanking	30-35	2-3	Dark tan	Trees bear large, annual crops, most widely planted cultivar.
Sleeping Giant	40			Trees may grow larger than those of other cultivars; giant leaves are large and glossy.

### Walnuts

English Walnuts (Carpathian Type)	Not recommended due to Thousand Canker Disease
Black Walnuts	Not recommended due to Thousand Canker Disease