

What Chestnut Species?

Leaves: large 5 to 9 inches

paper-thin and limber

shape: lanceolate (canoe shaped)
acutely tapered to stem
and tip

teeth: large with an inward curve
(hooked)

color: dull green top and bottom

Twigs: small 1/8 to 1/4 inch

reddish brown to brownish
green

very small lenticels

Buds: yellowish

cylindrical, pointed tip

angle out from the stem

See next page for the answer

American Chestnut
(Castanea dentata)



Tree form: Timber type, height up to 110 feet, diameter up to 11 feet

Blight susceptible

What Chestnut Species?

Leaves: medium 5 to 8 inches
stiff and shiny (waxy surface)
shape: broad and ovate
bluntly tapered at the stem
abruptly tapered to a pointed tip
teeth: not pronounced, no hooks
color: top dark green and waxy
bottom white (hair covered)

Twigs: medium up to 1/4 inch
tan, pea green or olive
stipules (small scaly leaf)
remain on twig throughout
the summer
large lenticels

Buds: tan to dull brown
globular, round tip

See next page for the answer



Chinese Chestnut
(*Castanea mollissima*)

Tree form: Round (apple tree shaped)
Height up to 65 feet, diameter up to 4 feet

Quite blight resistant

What Chestnut Species?

Leaves: medium to small 3 to 6 inches

shape: small and narrow

upper surface usually waxy

may have parallel sides

bluntly tapered to stem as

much as 90 degrees

tapers suddenly at the tip

teeth: weakly toothed

small bristle tooth tip

color: dark green

Twigs: small 1/8 to 1/4 inch

dark, reddish brown or purplish
brown

Buds: glossy brown

rounded at the tip

See next page for the answer



Japanese chestnut
(*Castanea crenata*)

Tree Form: Rounded and broad tree
height to 50 feet

Moderately blight resistant

What Chestnut Species?

Leaves: medium/large leaf 5 to 8 inches
stiff and straight at the mid-vein
usually hairy with fuzzy feel
shape: lanceolate with blunt angle at
the stem up to 90 degrees
teeth: large, coarse and pointed
(no hooks at the ends)
color: dull green top and bottom

Twigs: very large 3/16 inch or more
Dull to dark brown color

Buds: very large and dark red

See next page for the answer



(*Castanea sativa*)

European chestnut

Tree Form: Round or timber tree reaching heights to 120 feet

Blight susceptible

What Chestnut Species?

Leaves: very small 3 to 6 inches

1 to 1 1/2 inches wide

shape: various - lanceolate, ovate, oblong, elliptical, etc

teeth: very small 1/16 to 1/8 inch
no hooks at the tip

color: top light, dull green
bottom white (hairy)

Twigs: very small and smooth
orangish brown to grey

Buds: dark red and cylindrical
Small up to 1/8 inch

See next page for the answer



Tree Form: Small tree or a large shrub 6 to 20 feet tall

Blight susceptible