

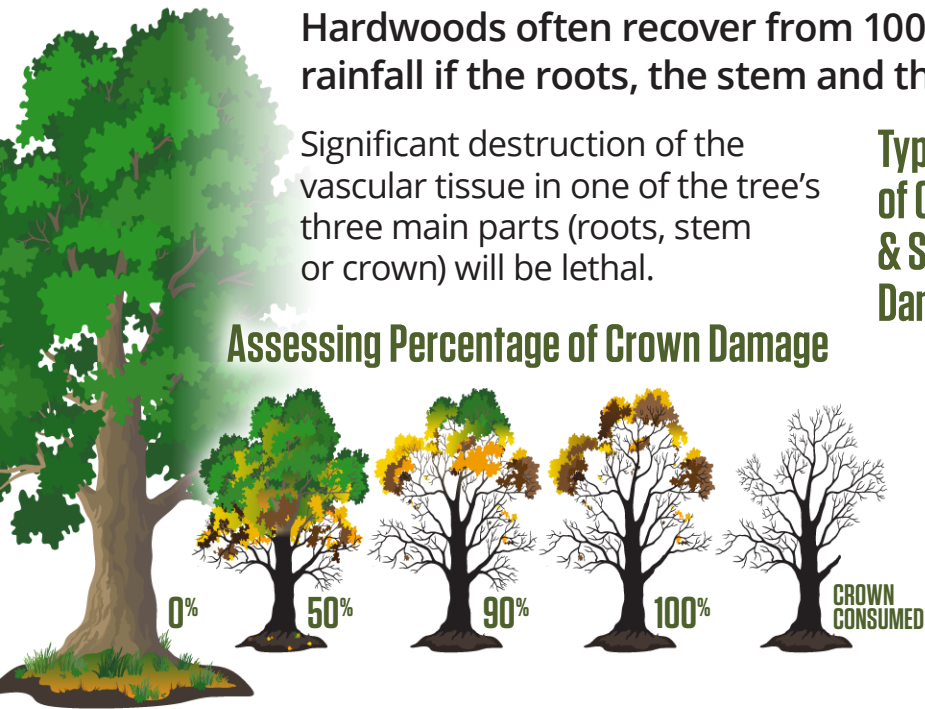
Post-Fire Hardwood Trees

EVALUATION OF

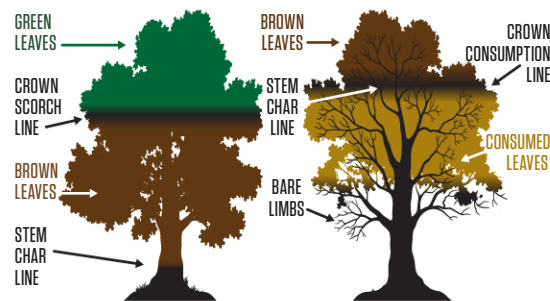
Hardwoods often recover from 100% scorch in periods of normal rainfall if the roots, the stem and the buds in the crown are uninjured.

Significant destruction of the vascular tissue in one of the tree's three main parts (roots, stem or crown) will be lethal.

Assessing Percentage of Crown Damage



Types of Crown & Stem Damage




TEXAS A&M
FOREST SERVICE


tfsweb.tamu.edu/AfterTheFire

Evidence of **ANY ONE**
of the factors below
is indicative of a dead
or dying hardwood tree:

 **BARK** has
CRACKED
or **SEPARATED** on all
sides

Any sign of Wood-boring or Bark
 **Beetles** on Any Part
of the Stem

Scratching
through
reveals inner bark on all 4 sides
reveals dark or yellowish cambium
(White or pink colors should represent live cambium)

 **NO** green leaves
present in the crown
2 months after the fire & beyond

Post-Fire

EVALUATION OF

Hardwood Trees



Evidence of any combination of **2 or more** of these factors
is indicative of a dead or dying tree:

NO green leaves
present in the crown
with **>25%** Crown Consumption

All organic matter consumed at
base of tree creating a **sunken**
basin effect around tree

BARK CHAR
WITH REDUCTIONS IN
BARK THICKNESS on all
sides

Exposure & Charring of
LARGE LATERAL ROOTS
in **2** or more quadrants
around the tree

