

Post-Fire Pine Trees

EVALUATION OF

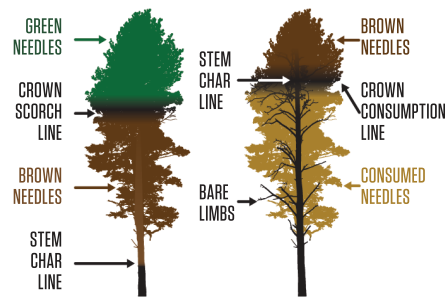
Pines often recover from 100% scorch in periods of normal rainfall if the roots, the stem and the buds in the crown are uninjured.

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 pine tree:

BARK CHAR > **50%** of Stem Height on ALL SIDES

Any sign of Wood-boring or Bark

Beetles on Any Part of the Stem

NO green needles present in the Crown 2 months after the fire & beyond

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EVALUATION OF



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

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

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



NO green needles present in the Crown

BARK CHAR > **25%** of Stem Height on ALL SIDES

RESIN WEEPING or **Bleeding** > **25%** of STEM CIRCUMFERENCE

