



LANDSCAPING

@

LONG BRANCH

LAKES



Introduction

The **goal** of Firewise Landscaping is to develop a home landscape where the design and choice of plants can offer effective fire prevention.

Providing “**defensible space**” through vegetation management and landscaping is one of the most important ways **you** can help your home to survive a wildfire.



Overview

Who

What

Where

When

How

Why



WHO

HOMEOWNERS, PROPERTY OWNERS,
LONG BRANCH LAKES COMMUNITY,
LBL FIREWISE COMMITTEE,
TN DEPARTMENT OF AGRICULTURE-
DIVISION OF FORESTRY, FIREWISE USA,



RESOURCES

LBL Firewise Committee

- Chairperson – Linda Knight-Gatlin
- Board Liaison – Robert Cook
- Members



Donna Cook

Suzanne Storms

Barney &

Marie Dorn



[Firewise USA® resources](#)



[TNWildlandFire.gov](#)



[About the Division of Forestry](#)

WHAT

UNDERSTANDING YOUR SURROUNDINGS



TN FIREWISE LANDSCAPING THINGS TO KNOW

- 1 **Mow grasses low** around the garage, outbuildings, decks, firewood piles, propane tanks, shrubs and specimen trees with low-growing branches.
- 2 **Ground Cover Plants** - planted in beds surrounded by walkways, in raised beds or rock gardens, they become an **effective barrier to fire spread**.
- 3 **Inorganic Mulch** – **gravel, rock, decomposing granite or hardscape** helps control erosion, **conserve moisture is the best barrier to fire spread**.
- 4 **Debris removal** within 60 feet of your home. Keep leaf and compost pile wet and manageable to prevent ash drift.

DOWNLOAD THE
TN FIREWISE LANDSCAPING HAND OUT @

https://cumberlandcovepoa.com/Firewise/resources/firewise_pdf/TennesseeFirewiseCommunitiesFirewiseLandscaping.pdf

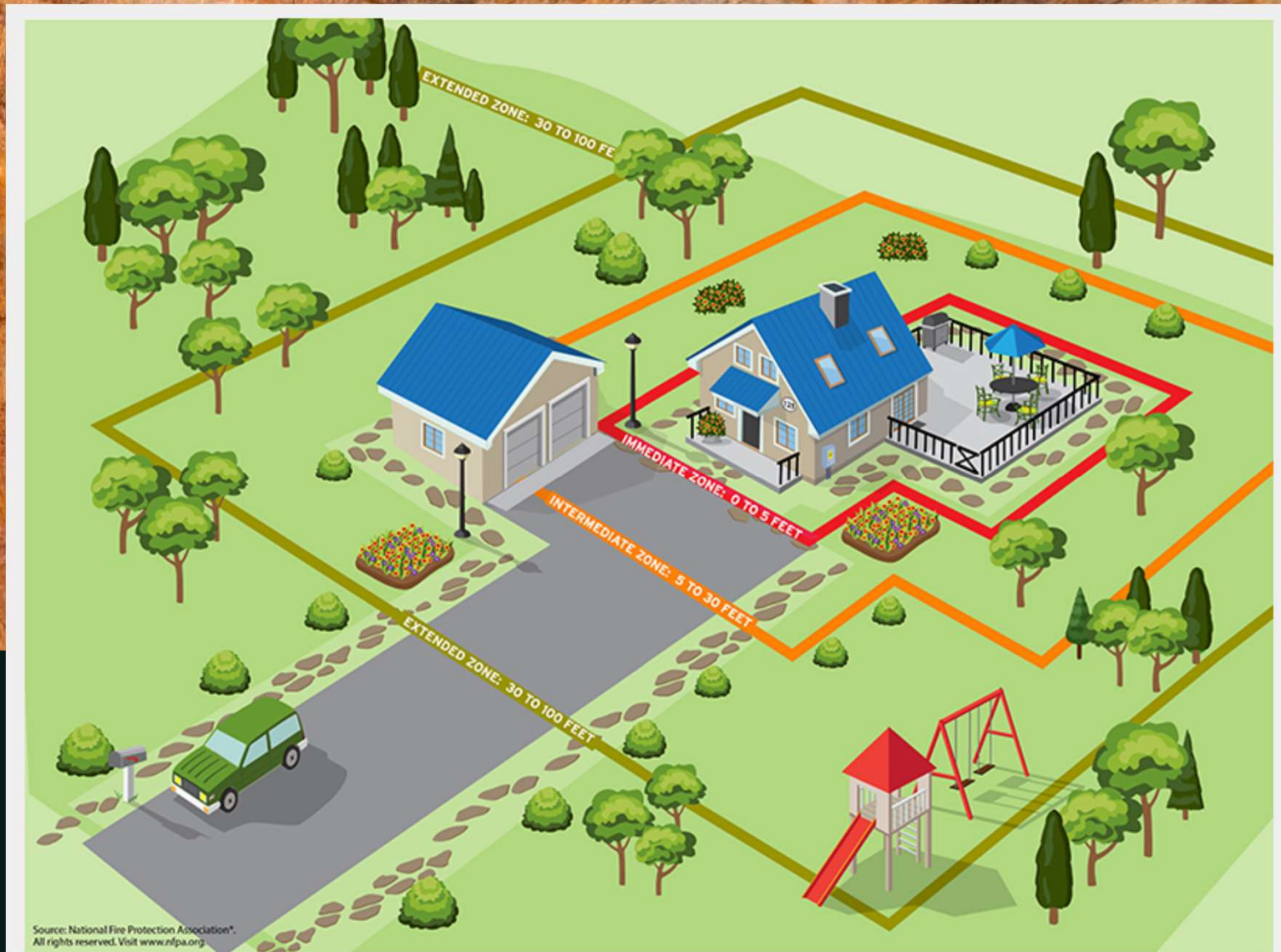
OR PICK ONE UP AS YOU LEAVE

HOW

UNDERSTANDING FIREWISE ZONES



ZONES



Zones

IMMEDIATE

0-5 FEET FROM
THE FURTHEST
EXTERIOR POINT
OF THE HOME.

- **non-combustible area = 0-5 feet** from the furthest attached exterior point of the home. take immediate action on the most vulnerable to embers. **START WITH THE HOUSE ITSELF** then move into the landscaping section of the Immediate Zone.
- **Clean roofs and gutters** of dead leaves, debris and pine needles that could catch embers.
- Replace or repair any **loose or missing shingles** or roof tiles to prevent ember penetration.

Zones

IMMEDIATE

0-5 FEET FROM
THE FURTHEST
EXTERIOR POINT
OF THE HOME.

- Clean debris from **exterior attic vents** and install **1/8 inch metal mesh screening** to reduce embers that could pass through.
- Repair or replace damaged or loose window screens and any **broken windows** **Screen or box-in areas below patios and decks** with wire mesh to prevent debris and combustible materials from accumulating.
- **Move any flammable material** away from wall exteriors – mulch, leaves, flammable plants, leaves and needles, firewood piles – anything that can burn. Remove anything stored underneath decks or porches.

Zones

INTERMEDIATE

5-30 FEET FROM
THE FURTHEST
EXTERIOR POINT
OF THE HOME.

- Landscaping/hardscaping- employing careful landscaping or **creating breaks** that can help influence and decrease fire behavior.
- Clear vegetation from **under large stationary propane tanks**.
- Create **fuel breaks** with driveways, walkways/paths, patios, and decks.
- **Keep lawns and native grasses mowed** to a height of (4) four inches.

Zones

INTERMEDIATE

5-30 FEET FROM
THE FURTHEST
EXTERIOR POINT
OF THE HOME.

- Prune trees (6) six to (10) ten feet up from the ground) so a surface fire cannot reach the crowns (for shorter trees do not exceed 1/3 of the overall tree height)
- Tree placement should be planned to ensure the **mature canopy is no closer than ten feet to the edge of the structure.**
- Tree and shrubs in this zone **should be limited to small clusters** of a few each to break up the continuity of the vegetation across the landscape.

Zones

EXTENDED

30-100 FEET FROM
THE FURTHEST
EXTERIOR POINT
OF THE HOME

- Landscaping – **the goal** here is not to eliminate fire but to **interrupt fire's path** and keep flames smaller and on the ground.
- **Dispose of** heavy accumulations of **ground litter/debris**.
- Remove **dead plant and tree** material.
- Remove small **conifers** growing between mature trees.
- Remove **vegetation adjacent to storage sheds** or other outbuildings within this area.

Zones

EXTENDED

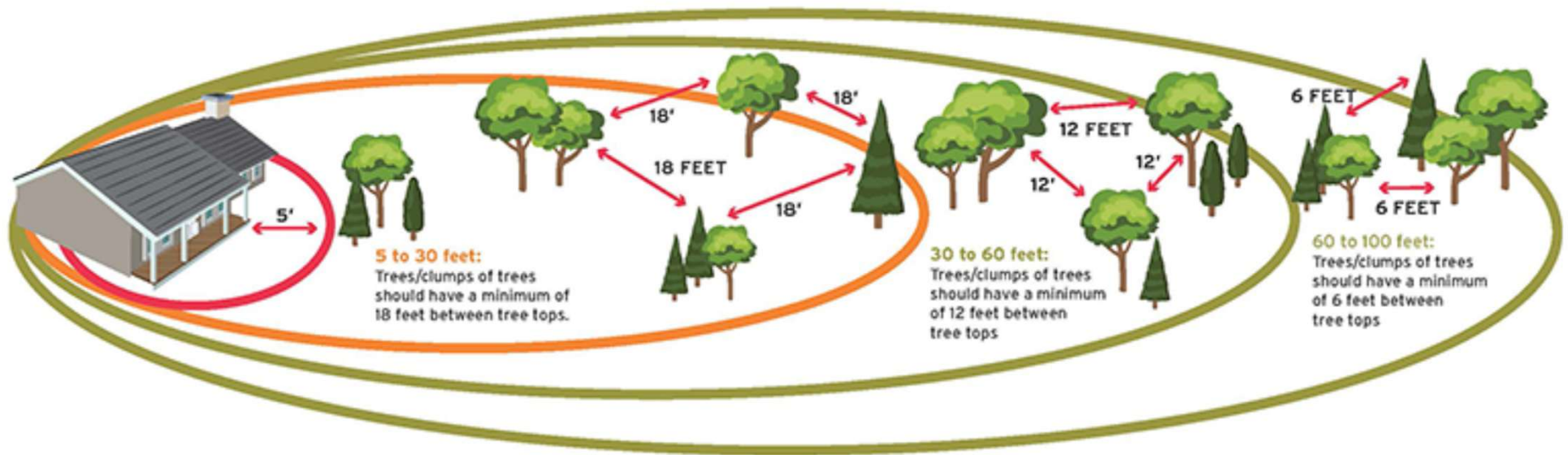
30-100 FEET
FROM THE
FURTHEST
EXTERIOR POINT
OF THE HOME

- Trees 30 to 60 feet from the home should have at least 12 feet between canopy tops.*
- Trees 60 to 100 feet from the home should have at least 6 feet between the canopy tops.*

* The distances listed for *crown spacing* are suggested based on *NFPA 1144*. However, the crown spacing needed to reduce/prevent crown fire potential could be significantly greater due to slope, the species of trees involved and other site specific conditions. Check with your local forestry professional to get advice on what is appropriate for your property.

LANDSCAPING PLACEMENT

TREE SPACING



For more information visit
FIREWISE.ORG

THE KEY TO FIREWISE LANDSCAPING

The best plants for landscaping in a fire-prone area are those with **high water content, drought tolerance**, and a growth habit that **does not produce a lot of excess debris**. It is also best to select plants, shrubs and trees that reduce the amount of burnable branches, leaves, or dead foliage lying around the yard.

Conifers like juniper, pine, fir, spruce, and cypress are flammable because they have many oils in their leaves. If you grow these trees, keep them far from your home and water them well during fire season.



Firewise Plantings*

Ground cover

- Creeping Thyme
- Creeping Jenny
- Blue Fescue
- Bugleweeds/Ajuga
- Stonecrop
- Hen & Chicks
- Aloe Vera and Agave

Flowering Plants

- Russian Sage
- Lavender
- Coral Bells
- Hosta
- Day Lilly
- Cone flower / Echinacea
- Red Hot Poker
- Sedum
- Lupine

Trees & Shrubs

- Yucca
- Barberry
- Oregon myrtle/Bay Laurel
- Crepe Myrtle
- Japanese Maple
- Red Maple
- American mountain ash
- American Sweet gum
- American wild plum
- River or water birch
- Purple smoke tree
- Honey or Black locust

* Not a complete listing of all possible plantings.

WHEN





<https://www.tn.gov/tnwildlandfire/prevention/safe-debris-burning>

State Burn Permits are **REQUIRED**

Oct 15 through May 15

Please also notify the BoD so that Neighbors can be reassured.



WHY

REALLY?



2016



Fire on the Mountain: Inside East Tennessee's Wildfires



Wildfires Still Burn In Tennessee As Death Toll Rises To At Least 7 ...



Death Toll in Tennessee Wildfire Hits 13,

... and again in 2023



The Firewise USA® program offers training geared toward homeowners, forestry professionals, and others on a variety of wildfire safety topics.

TENNESSEE
FIREWISE COMMUNITIES

FIREWISE RISK ASSESSMENT

FIREWISE USA
RESIDENTS REDUCING WILDFIRE RISKS

FIREWISE USA® COMMUNITY WILDFIRE
RISK ASSESSMENT TUTORIAL

The complex block features a dark green header with the text 'TENNESSEE FIREWISE COMMUNITIES' and 'FIREWISE RISK ASSESSMENT'. Below this is a photograph of a two-story wooden cabin with a porch, surrounded by tall pine trees. In the top left of the photo area are the NFPA and Firewise USA logos. At the bottom of the photo area, the text 'FIREWISE USA® COMMUNITY WILDFIRE RISK ASSESSMENT TUTORIAL' is displayed in orange and black.



The way to get started is to quit talking and begin doing.

Walt Disney



YOUR LBL FIREWISE REPRESENTATIVES

Linda Knight-Gatlin

Cindy McGinnis
Don Spillane
Jef Butterbaugh
Sue Butterbaugh
Skip Haggerty
Laurie Haggerty
Dennis Hill
Carol Hill
Bob Hooson
Anita Hooson
Glenn Sylvest
Denise Bellavance
Bill Brown
Linda Brown
Marcy O'Rourke
Steve
Dave Burgard
Tammy Burgard
John Cuzzone
Colleen Cuzzone
Bryan Landry
Cliff Davidson
Lisa Davidson

Donna Cook

Archie Davis
Missy Davis
George Robert
Natalie Taylor
Benji Davis
Chrissy Davis
Michael Molinari
Anna Molinari
Cheryl Dunker
Brian Miles
Merlin Clark
Barbara Clark
Douglas Hartson
Kathleen Hartson
Tom Clark
Fran Clark
Scott Salem
Bonnie Salem
Josh Mankini
Michelle Jaure
Melissa Brown

Marie Dorn

Charlie Cobb
Charlie Gauger
Michelle Gauger
Marlo Lebedda
Steve Cochell
Joyce Cochell
Todd Rahm
Chris Rahm
Mark Tomes
Antonella Rivalta
Alex Garassino
Gene Jamison
Sharon Jamison
Mike Casey
Kelly Smithback
Tim Leveque
Christy Leveque
Scott Kubica
Laura Kubica
Steve Stratz
Denise Stratz

Barney Dorn

Mike Rigney
Kris Rigney
Kirk Primas
Lisa Primas
Johnny Driggers
Pat Driggers
Bill Schoenig
Kathy Schoenig
Dick Popham
Kathy Popham
Chris Killingsworth
Lisa Killingsworth
Beth Saunders
Louis Ryder
Jennifer Ryder
Robert Rockwell
Sheila Rockwell
Greg Levine
Lilly Levine
Paul Gonnerman
Sue Bilstad

Suzanne Storms

Tim Getz
Tammy Getz
Cindy Pike
Dave Gustafson
Jennifer Gustafson
Kevin Harris
Sheri Harris
Stephen Hiles
Shirley Hiles
Greg McElvaney
Jacki McElvaney
Lou Lindner
Kathy Lindner
Roberto Celia
Janice Celia
Tim Hatcher
Bonnie Hatcher
Travis Cash
Ruby Cash
Carl Conaster
Joan Conaster
Jonathan Gates
Jodi Gates

Thank you

LBL Firewise Committee



FIREWISE USA®
Residents reducing wildfire risks

