

Defensible Space



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Ember Alert book publishes this book to attract new customers. This book is designed to give new customers an overview of how dangerous wildfires are and how to mitigate the dangers by doing a few steps on their property. The Exterior Fire Protection System and working with your insurance agent will reduce the risks of losing everything to a wildfire.

Defensible Space

WHAT IS A DEFENSIBLE SPACE

What is defensible space? It is a 3 zone system that creates buffers for slowing down wildfires. Each zone has a specific job to do to help slow or stop the progress of wildfires. This helps protect your home from catching fire from embers, direct flame contact or radiant heat. Taking these steps will reduce the chance of your home or business burning down. Get protected and reduce the chances of building all over, because who has 13-36 months to rebuild their life.

Let's take a look at the different Zones:

Zone 1: located closest to your home or business and outlying structures. The zone is usually from the structure out to 50' away.

· This zone has your lawn with pruned bushes that are away from the house by at least a 1'.

- Keep grass and bushes well watered and pruned to prevent drying out. Once dried out the grass will burn.

- Pick up all debris.

- No storage of woodpiles

- Clean roofs and gutters

- No trees in this zone or on the border of zone 2. the reasons you don't want a burning tree to fall on your home or business.

- Helps keep radiant heat stay away from structures and with windows being the weak area for melting from radiant heat.

Pressure build-up from the radiant heat that will blow outward creates many hazards.

- Fences use a metal fence by the structure (home or business).

Main reason is that a wooden fence is a quick path for fire to follow. In the Marshal Fire in 2021 in Boulder County the fire department was out knocking down fences to help prevent burning down of homes.

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Zone 2: is 50' to 100' away from the structure. This zone has lawns, trees and scrubs.

·Some very important tips to maintain zone 2

- Have trees 10' apart from each other, having the space between will slow down the wildfire and help reduce the crowning of the fire.
- Now with having huge trees like redwoods or cotton wood trees you want to increase the spacing so the canopies will not touch, by doing this will slow down the burning process.
- Make sure you prune your trees between 5 to 10'.
- Clean up all dead vegetation or if you have pine trees all pine needles as they act like kindling.

Zone 3: is 100' to 300' or property line away from structures. This zone is made up of mature trees and is mostly forest.

- Here are some tips to help slowdown wildfires.
- This is the largest area you will have to work on
- This is the wild forest area, with the most trees.
- Just like in zone 2 you have to prune trees and bushes.
- Clean up dead vegetation and dead fuel.

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Summary:

The defensible space is used like a fire triangle that you take one item away and it will stop the fire. The defensible space works in the same way. Each zone is reducing fuel for the wildfire and making it harder for the fire keep going. 1472 Protection comes in and sets up a defensible space around your home first and along with installing the Exterior Fire Protection System it will greatly increase your protection from wildfires. As the fire comes closer to the defensible space reducing fire fuels and once the fire hits the gel it will stop the fire. The FireIce fire gel that 1472 Protection uses takes away the fuel and oxygen so the fire will slow greatly down and stop, with the water phase creating water domes over the structures, the water will greatly reduce the radiant heat and give a ember defense, all this combined will give you the best protection from wildfire and you coming back to your home of business without starting over.



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