

CUTTING INFORMATION

\$20.00/CORD

- A permit is required to cut firewood on Buchanan State Forest. The permit must be in your possession while you are cutting and hauling wood. You are required to show the permit upon request of a Forestry Representative.
- Be prepared to explain the location of the wood you plan to harvest prior to receiving the permit. The permit is good only for the location listed on the permit.
- Permit is not transferable – permit must be written for the person cutting or gathering the wood.
- Firewood cut on state forest is for personal use only and may not be resold.
- Firewood permits have two seasons. **May 15 to August 31 you may ONLY harvest dead trees that are already down.** September 1 to May 14 you may harvest standing dead or dead and down trees. Felling of trees must not damage other trees or saplings. **NEVER CUT LIVE TREES.**
- Stump height shall not exceed the diameter of the stump or 12 inches, whichever is less.
- Firewood cutting is not permitted in any Wild Area, Natural Area or areas marked for timber sales.
- Only one tree may be cut at a time. This tree must be completely loaded, and all debris removed before cutting another.
- Debris must be pulled back at least 25 feet from all roads, trails, streams, and boundary lines.
- Blocking drainage ditches, pipes and other structures is prohibited.
- Hand Carry Wood ONLY, any mechanized removal of fuelwood is prohibited without written authorization of the District Forester.

- Vehicles are not permitted off roads or drivable trails.
- Fires are not permitted. You must make every effort to extinguish forest fires.
- One cord entitles the permit holder to 2 loads in an 8-foot or 3 loads in a 6-foot truck bed. Loads of wood must be stacked even to the truck bed not mounded above the top of the bed.
- Don't move firewood long distances or across state lines. It is recommended not to move firewood over 50 miles to prevent spreading insects and diseases.
- Please keep the forest clean. Carry your trash home with you. **THANK YOU!**

PLEASE CUT SAFELY

*Work with a Companion!
Check Inside for Recommended Personal
Protective Equipment.*

FIREWOOD FACTS

- Denser, heavier woods contain more heat than lighter woods for a given volume.
- A standard cord is a stack of wood 4' x 4' x 8' and contains 128 cubic feet. The actual volume of wood is about 68 cubic feet, the rest is air, bark, etcetera.
- Wood should be dried as much as possible before burning (6 to 12 months). Air-dried wood has about 20 to 25% more available heat than green wood since less heat is lost driving out moisture during burning.
- A cord of air-dried hardwood has the heating equivalent of about 1 ton of coal, 230 gallons of fuel oil, or 28,000 cubic feet of natural gas.
- The best time to cut firewood is during the winter and early spring, before leaf-out, since moisture content is lowest then.

FUELWOOD PROGRAM

Pennsylvania contains about 17 million acres of forestland. Of this total, over 2.2 million acres are in the state forest system, which is publicly owned and managed by the Department of Conservation and Natural Resources, Bureau of Forestry. The Buchanan State Forest comprises about 71,638 acres located in Franklin, Fulton, and Bedford Counties.

A permit is required to cut firewood on Buchanan State Forest. This permit must always be available while cutting firewood. The cost is **\$20.00 per cord.**

Permits are issued for a minimum of 1 and a maximum of 2 cords. Each permit is issued for a 2-week period. All permits expire when the listed volume is removed or on the expiration date whichever comes first. No extensions or refunds are given.

Be prepared to explain the location of the wood you wish to harvest when requesting the permit. A limited number of permits may be issued for any given area based on supply or regulations. May 15 to August 31 fuelwood cutters may only harvest dead trees that are already down. September 1 to May 14 harvesting standing dead as well as dead and down trees is permitted.

Stop at any Buchanan State Forest office location for a permit or detach and mail the application to the address below.

For more information

Buchanan State Forest, District #2

25185 Great Cove Road

McConnellsburg, PA 17233

(717) 485-3148

FD02@pa.gov

www.dcnr.pa.gov



pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

PENNSYLVANIA BUREAU OF FORESTRY

BUCHANAN STATE FOREST



FUELWOOD CUTTING



BUCHANAN FIREWOOD PERMIT REQUEST

When requesting permits by mail please provide the following information:

Name: _____

Address: _____

Phone: _____

Vehicle Year, Make, Model, & Color: _____

License Plate: _____

Leased Camp # (if applicable): _____

Firewood Harvest Location: _____

Start Date: _____

Permits must be in your possession while you cut so allow enough time for our office to approve and mail your permit. May 15 to August 31 you may ONLY harvest dead trees that are already down.

\$20.00 / cord must be submitted with this request payable by check or money order to:

Commonwealth of Pennsylvania

Mail to:

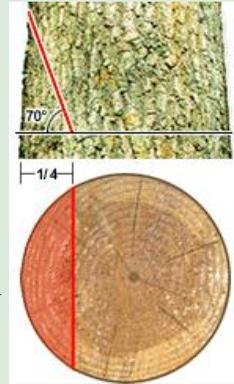
**Buchanan State Forest
 25185 Great Cove Road
 McConnellsburg, PA 17233**

OSHA Tips For Safe Tree Felling

DIRECTION AND FALL PATH:

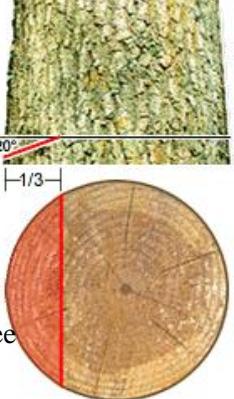
Always size up the tree from several directions to determine tree lean and identify which directions are free of other trees, stumps, or large rocks. Estimate the most likely direction the tree will fall and be able to plan two escape routes. Be sure the escape routes are free from obstructions.

NOTCH TOP CUT:



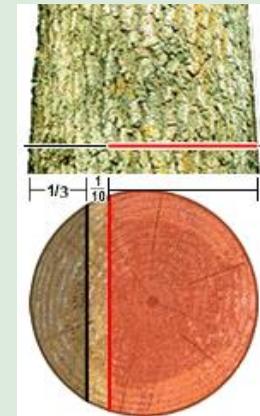
1. Start at any point near the base in the direction of your fall path leaving room for the undercut.
2. Cut downward at a 70 degree angle.
3. Stop when cut reaches 1/4 - 1/3 the diameter of the trunk.

NOTCH UNDER CUT:



1. Begin the under cut below the horizontal plane at the base of first cut.
2. Cut upward at 20 degree angle.
3. Stop when cut reaches end of top cut. Ideally you should have created a 90-degree notch opening that is horizontally level.

BACK CUT:



1. Begin on the opposite side of the notch at the same level as the notched corner.
2. Cut flat along the horizontal plane.
3. Stop at the point that will leave a hinge width that is 1/10 the tree's diameter. A wedge can then be inserted into the back cut and tapped with a maul to tip the tree safely. Exit the area once tree is falling at 45 degrees to the face cut maintaining eye contact with the tree

More detail about tree felling can be found in the OSHA Logging E-tool at:

<https://www.osha.gov/SLTC/etools/logging/index.html>

Safety must be your primary concern when approaching a tree to cut. The Bureau of Forestry strongly supports and encourages the use of Personal Protective Equipment when fuel wood cutting. With these safety items we hope that you have productive and safe fuel wood cutting season.

PPE

According to the Occupational Safety and Health Administration (OSHA), more people are killed while felling trees than during any other logging activity. Personal protective equipment (PPE) and trim fitting clothing (not baggy or ragged) should be worn every time you operate your chainsaw. Recommended PPE is described below:

EARS, EYES, AND HEAD

A hard hat outfitted with earmuffs and a screen full face shield offers the best protection for your eyes, ears and head.



AVERAGE COST: \$50.00

FEET AND HANDS

A sturdy steel toe work boot or at least an above the ankle leather work boot gives you support on uneven ground and protect from crushing binding accidents to feet.



AVERAGE COST: \$100.00

Leather gloves will protect you from splinters and poisonous plants.



AVERAGE COST: \$10.00

LEGS

Leg injuries account for nearly 40% of all chainsaw injuries. Chainsaw chaps protect you by stopping the chain with dense fibers as illustrated in the picture. You should look for chaps that are 6 ply, wrap around, and long enough protect the ankle.



AVERAGE COST: \$95.00



**Typical Chainsaw Laceration = 110 stitches
 2003 Cost: \$12,000**