

Kuhns
Bros.



434 Swartz Road Lewisburg, PA 17837

Phone: 1-800-326-9542

Kuhns Lumber Co.

PROVIDING PREMIUM TIMBER HARVESTING

***"Quality timberland deserves
quality management!"***

- Kuhns Lumber Co.

www.kuhnslumber.com



Pictured above: Aerial photo of Kuhns Lumber Co.'s corporate facility.

"We are committed to keeping the environment healthy for future generations, making total use of every log we harvest for our operations."

- Kuhns Lumber Co.

KUHNS LUMBER CO.

The company behind the professional timber harvesting.

The rich tradition of Kuhns Lumber Co., centrally located in the Appalachian Forest, spans more than 50 years and three generations. Carl R. Kuhns started producing the finest forest products from a portable sawmill from Montgomery Ward in 1946.

At Kuhns Lumber Co. sound forest management has always been a vital part of our operation. Strict quality standards are applied to forestry operations in accordance with principles established by the Sustainable Forestry Initiative of Pennsylvania.

We understand landowners often utilize their property for a variety of different activities such as timber harvesting, wildlife management, and outdoor recreation. No matter what objectives you have for your property, we are committed to working with you to achieve your management goals.

It is our guarantee that our highly trained forestry staff will monitor your harvesting job from pre-harvest through post-harvest cleanup. We are excited and ready to work for you!



THE KUHNS DIFFERENCE

Kuhns Lumber Co. - Professional Timber Harvesting

Our professionally trained forestry staff and Sustainable Forestry Initiative (SEI) trained loggers will manage your woodlands by incorporating the highest environmental standards and guidelines.

- Provide timber stand evaluation
- Create a management plan and schedule of operations
- Locate past survey evidence for boundary line establishment
- Monitor the sale from pre-harvest through post-harvest cleanup
- Conduct post-harvest cleanup based on erosion and sedimentation regulations
- Develop wildlife habitat, aesthetic, and recreational improvements



Pictured above: Accessibility provided by trails for recreation (post-harvest).

Harvesting with
Kuhns Lumber Co.
is a wise utilization
of your forest
resources, while
promoting a
genetically viable
stand for your future
investment.



DID YOU KNOW ...

Kuhns Lumber Co. - Professional Timber Harvesting

It's never too late to start managing your woodlands!

- A properly managed forest provides numerous products for our everyday lives, habitat for many different types of wildlife, and breathtaking recreational areas.
- Timber harvesting revitalizes forest stands by promoting regeneration for habitat improvement and quality, as well as improving the current stand for future investment potential.
- Forests that are unhealthy or stagnant are more susceptible to attacks from unwanted insects or disease. Young, healthy forests have the ability to fight off disease.
- Kuhns Lumber Co. has been assisting landowners and helping manage their woodlands with care for over 50 years.



Pictured above: Harvesting job performed by Kuhns Lumber Co.

Our trained professionals will work directly with you to meet your timber management goals and objectives.

INVASIVE INSECTS

Are they living in your trees?



Emerald Ash Borer (EAB, signs pictured left) is a green beetle that is highly destructive to ash trees. The EAB larva is not found on the outside of the tree but rather it is found on the inside, feeding on the inner bark. The beetle's feeding will cause the tree to die over time by disrupting the tree's ability to move nutrients and water. EAB is threatening the existence of Ash to approximately five years or less, due to its extensive population numbers and span of Ash mortality over the last ten years.

Hemlock Woolly Adelgid (HWA, pictured right) and ***Elongate Hemlock Scale*** are devastating hemlock forests. These invasive insects remove vital nutrients from your hemlock trees which are needed for daily growth. Trees that are lacking these nutrients may prematurely drop their needles, die back and even die within a short period of time.



**HARVEST YOUR TIMBER
BEFORE IT LOSES VALUE!**



HARVESTING TREATMENTS

Kuhns Lumber Co. - Professional Timber Harvesting

We work directly with the landowner to meet specific management goals and objectives!

THINNING is harvesting timber in order to maximize residual stand growth and value as a future investment, also referred to as Timber Stand Improvement.

SEED TREE is the most economical harvesting system for maximum financial gains and prolific regeneration for the stand as a future investment, by reserving 10-40 trees per acre.

SHELTERWOOD is a harvesting regime that typically occurs in 2 cycles, leading to prolific regeneration of desired northern hardwood species such as red and white oak, black cherry, and sugar maple.

GROUP SELECTION/CLEARCUT is a management strategy used to promote early successional habitat primarily for value extraction, as well as habitat and hunting value. This occurs in 1/4 acre to 25 acre clear-cuts and can be valuable for food plot establishment.

DIAMETER LIMIT is a management strategy that yields the forest stand value in the early stages of the harvest. This strategy delays the next harvesting rotation to at least 20 years and up to 50 years.

Managed woods are healthier and more profitable than non-harvested woods.



FOREST IMPROVEMENTS

Kuhns Lumber Co. - Professional Timber Harvesting

Timber harvesting with Kuhns Lumber Co. will provide an opportunity to improve your forest value and habitat.

We work closely with the landowners to design and implement wildlife, aesthetic, and recreational improvements to your forests. Your satisfaction is our goal.

WILDLIFE MANAGEMENT/IMPROVEMENTS is a technique which allows for the creation of specific habitat scenarios for many different types of wildlife.

AESTHETIC MANAGEMENT/IMPROVEMENTS is a technique which allows for the creation of specific harvests to improve your scenic views, seeded and/or mulched trails, and healthy stand diversity.

RECREATION MANAGEMENT/IMPROVEMENTS is a technique which allows for the creation of specific harvests to improve your hiking and biking trails, thinning of dead and dying stems, suppressed stems, as well as mature and over mature stems to ensure a healthy and safe timber stand.

“We understand the importance of a well managed forest. Let us work with you.”

- Kuhns Lumber Co.



WILDLIFE TREATMENTS

Is white tailed deer, black bear, turkey or small game your focus? If so, we have silvicultural treatment suggestions for you.

WHITE TAILED DEER / BLACK BEAR

Seed Tree Harvest is used to create viable habitat as well as increased edge effects that are crucial for retaining both deer and bear. We can also implement a Group Selection Harvest to create food plots as a supplemental food source for various wildlife.

TURKEY

Shelterwood Harvest is used to provide prime habitat for turkey. This management strategy mimics cover and roosting capacity, while also creating open, mature, and mast producing canopy for ease of foraging and flight.

SMALL GAME

Group Selection Harvest starts from a central location and moves outward on a rotational basis. Constant early successional habitat staging and development is crucial for retainment and productivity of small game species.

“Our timber management practices help to maximize your income and forest regeneration potential.”

- Kuhns Lumber Co.





SEED TREE HARVEST

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Seed trees remain scattered throughout the stand to provide seeds for regeneration.

SEED TREE HARVEST

is accomplished by removing most of the forest stand, while leaving an appropriate number of seed trees for regeneration. The trees left standing are known as the “Best Trees” and are selected based on growth rate, healthiness, seed bearing capacity, weather bearing strength, and marketability.



Advantages to a Seed Tree Harvest:

- No preparatory harvest necessary
- Natural regeneration highly abundant
- Results in an even-aged forest stand
- Excellent food sources and nesting sites for many types of birds
- Undesirable vegetation easily treated before and after harvest



SHELTERWOOD HARVEST

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Shelterwood harvests create gaps in the forest canopy over different time periods to promote growth of new and existing seedlings and saplings.

SHELTERWOOD

HARVEST is a removal of mature trees in a series of two or more cuttings so regeneration can occur from seedlings of the mature trees that were left from the harvest. This method will create an even aged forest, providing good cover and early successional food sources for wildlife.



Advantages to a Shelterwood Harvest:

- Flexibility to control tolerant and intolerant species
- Creation of an even aged forest over time
- High aesthetic qualities
- Frequent income potential because of short time period between harvests
- Overstory trees are not removed until understory well established



GROUP SELECTION HARVEST

Kuhns Lumber Co. - Professional Timber Harvesting

Removal of several groups of trees and repeated frequently to encourage continuous regeneration.

GROUP SELECTION HARVEST is harvesting a group of trees in a particular area creating an island effect, while leaving trees around this group for a continuous harvest plan. This emphasizes creating openings in the forest canopy to encourage development of mid-tolerant species. The size of the canopy opening will be a factor in the regeneration species mix. Regeneration in smaller group harvests will favor shade tolerant species because of less sunlight openings, while larger group harvests will favor more sun tolerant species because the area is more open.

Advantages to a Group Selection Harvest:

- Minimizes amount of disturbance to the forest
- Favorable for understory and seed regeneration
- Frequent income potential with multiple harvests
- Provides browse, cover, and nesting sites for many types of wildlife
- Forests are structurally and compositionally diverse post-harvest





Environmental Protection

As an environmentally conscious and family owned business, we know the importance of Best Management Practices (BMP) to maintain soil and water quality during and after the harvest. Our foresters and loggers are trained by the exacting standards of Sustainable Forestry Initiative (SFI) utilizing BMP. For all timber harvests we create and implement erosion and sedimentation plans.



Our environmental protection practices may include but are not limited to: water bars (pictured top-right), broad based dips, portable bridges (pictured below), seeding for erosion prevention, culvert installation based on drainage volume, road construction and grading, as well as skid trail slopes.

Further information on BMP can be found on the Pennsylvania DCNR website.

WE ARE PASSIONATE ABOUT OUR ENVIRONMENT AND DEDICATED TO BEING WISE STEWARDS OF OUR TIMBER RESOURCES.



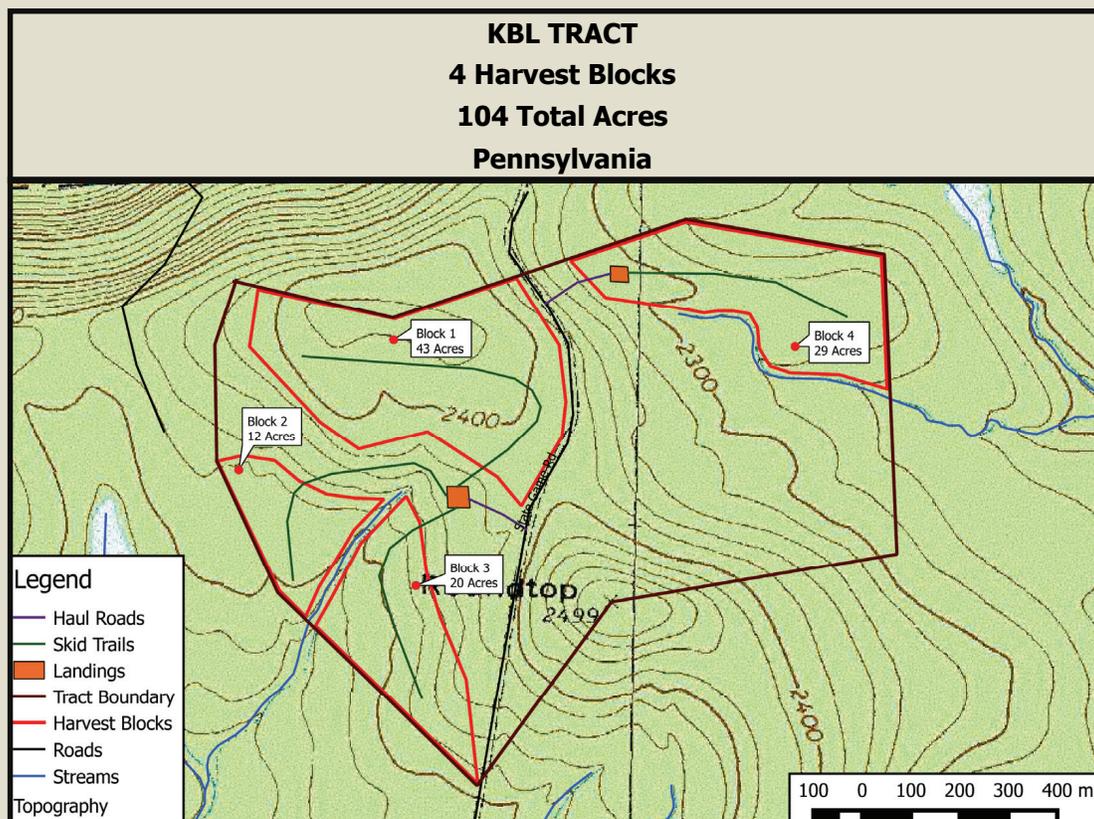
PREMIUM MAPPING

Kuhns Lumber Co. - Professional Timber Harvesting

We take pride in providing landowners with premium quality property maps from GIS to assist in meeting management goals and objectives.

At Kuhns Lumber Co. we use GPS technology to locate boundaries of your property as well as on the ground stand delineation. Once this ground data is collected we can download the information into our GIS mapping software.

GIS software allows us to create a professional map that can be used in conjunction with a written management plan, which accurately depicts stand and tract analysis as well as overall rotation schedules and best management practices.



Kuhns Lumber Co.

*is the right choice
for your woodlands!*







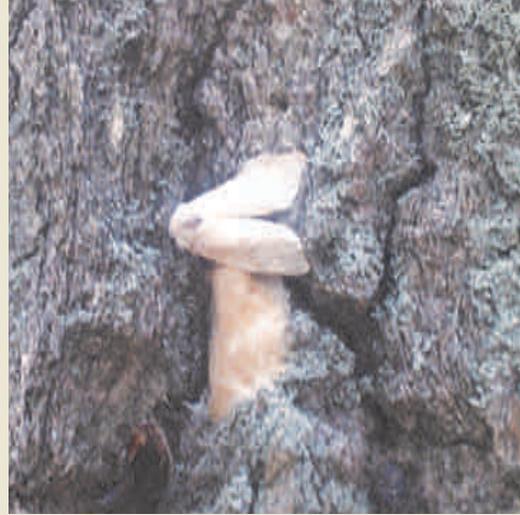


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with **Kuhns Lumber Co.**
before invasive insects
manage it for you!*

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