

**Case Study:  
Photos and Captions for Herbicide and Fence Regeneration Work**

Jerry Smith of Centre County wanted some income from his land to pay for a new road and power line to put up a camp by the stream. A sawmill had marked the best oak and other timber for removal. If harvested the way it was marked, a low quality/value stand of poor hardwoods and thick hemlock would have been the result. The neighboring property had a similar harvest and ended up with a fern/hemlock forest with no wildlife cover and very low value.

Instead, I marked the hemlock for removal and selected some valuable oak to generate enough cash to make the improvements. I also applied herbicide to the thick fern growth on the property so that new hardwood trees, grasses and forbs would be able to grow.

The value of the oak left in the stand is around \$40,000. This should double over the next ten to fifteen years.

Post- harvest stand of oak. Note the new grasses coming in and lack of ferns.





The property next door is a “fern desert” with very little timber or wildlife value.



