

## Summary of Timber Cruised for Milliner Estate

**Tract Location:** The tract is located on the north side of Highway 720, 6/10 mile west of Highway 62 in Big Clifty Kentucky.

**Accessibility:** The tract has excellent access from Milliner Land and farm fields.

**Topography:** Topography is to gently sloping to steep.

**Estimated Wooded Acres:** 64

**Estimated Total Volume:** 558,000 Board Feet, Doyle Rule, Form Class 78

SPECIES	BD/FT/VOLUME	AVE. VOL/TREE
Hickory	98,000	190
Hard maple	97,000	140
Misc. Red Oak	95,000	320
Yellow Poplar	80,000	360
White Oak	79,000	250
Beech	28,000	240
Ash	22,000	180
Soft Maple	14,000	160
Blackgum	11,000	150
Black Walnut	10,000	180
Post Oak	6,000	300
Sycamore	5,000	170
Chinkapin Oak	5,000	160
Black Cherry	2,000	60
Misc. Hardwoods	6,000	50
<hr/>		
Total All:	558,000	200

**Misc. Hardwoods include:** Elm, Sassafras, Persimmon and Hackberry.

**ESTIMATED STANDING VALUE:** I estimate the standing value of all sawtimber trees to be \$192,600.00 plus or minus 5%. Per foot value is 34.5 cents per foot.

## Background Information

**Client's Objective:** The client wants to determine a volume estimate for the timber.

**Methodology of Inventory & Analysis:** The property was inventoried by systematic cruising using a 15 factor prism. In this systematic cruise, preset GPS cruise points were established with an intended sampling intensity of one plot per acre. All sawtimber trees 13" diameter at breast height (4.5' above ground) and larger were measured at each sample point. Volume estimates were determined using the Doyle Rule, Form Class 78 for sawtimber.

**Potential Products:** Grade Lumber, Veneer (White Oak and Walnut), Crossties and Crating Material.

**Summary:** The volume estimates contained in this appraisal were obtained using sound forestry principles. However, even though I have great confidence in the estimates, they are only a sample of the total tree population and in no way can be guaranteed.

The stated volumes are based on sample points placed across the property and expanded using published volume equations. These equations were used to estimate the entire volume on the property. The volumes, market values and other information can vary from tract to tract. This could include tree form differences from published equations, changes in timber markets, logger utilization of trees, or other reasons.

Respectfully,

Kraig Moore  
Consulting Forester