

# Nebraska Forest Service

## FOREST INVENTORY ASSESSMENT (FIA) PROGRAMS



UNIVERSITY OF  
Nebraska

### 2007 PROGRAM IMPACTS

- more than 350 plots measured from 2000-2005, completing one full cycle for statewide coverage.
- 14 publications published since 1984 on Nebraska's forest resources and timber industry

### KEY SERVICES PROVIDED:

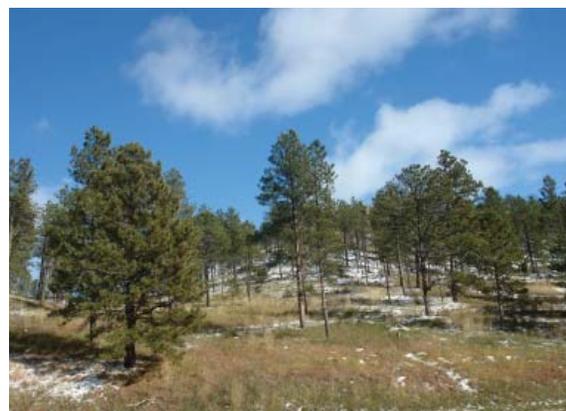
- provide accurate up-to-date forest inventory data
- create a long-term picture of the development of forest resources in the state
- provide forest resource reports to enhance program planning and impacts
- provide forest resource data for specified regions within the state to agencies and private industries

### HOW NEBRASKANS BENEFIT:

- identification and facilitation of emerging forest-based commercial opportunities
- more effective targeting of program resources to address key forestry concerns
- forest cover data used to determine (in part) the allocation of federal formula funds, such as McIntire Stennis and RREA dollars

### NEBRASKA FOREST FACTS:

- There are approximately 1.24 million acres of forest land in Nebraska, 88 percent of which is owned by private landowners.
- 94 percent (1.1 million acres) of Nebraska's forest land is capable of producing commercial timber. This is nearly twice Nebraska's timberland acreage in 1984.
- The estimated volume of all live trees on Nebraska timberland is approximately 1.8 billion cubic feet (38 million dry tons). *Little of this wood is utilized.*
- Nebraska's forests produce 1.8 million net tons/wood/year, every year in perpetuity. *Just one-third of this annual growth (600,000 tons) would produce approximately 30 million gallons of cellulosic ethanol.*
- Nebraska's forests of eastern deciduous and western coniferous trees produce high-value products.
- Approximately 5.7 million cubic feet (91,000 tons) of industrial roundwood was harvested from Nebraska forests in 2000; approximately 95 percent of this lumber was sawlogs. Of this, 70 percent was processed at Nebraska sawmills.
- Nebraska trees are also used for veneer, excelsior/shavings, industrial fuel and fenceposts.
- Eighty-nine percent of wood residue generated in Nebraska's sawmills is used for specialty boards, animal bedding, litter, mulch and industrial fuel.
- Exciting new markets for mulch and biofuels are emerging.



### The Nebraska Forest Service: Improving peoples' lives by protecting, utilizing and enhancing Nebraska's tree and forest resources.

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