

Forest Stewardship Plan

Ohio Division of Forestry Case Record Number: 05-1282

Landowners

Robert Stephen "Steve" Hays & Barbara Ann Hays

15170 State Route 550

Athens, OH 45701

(740) 448-4202

Location

Athens County, Ames Township

Section 14 (Fractions 7 & 12), Township 6 North, Range 13 West

Parcel Identification Number(s)

C010010055502 29.86 acres (Fraction 12)

C010010055600 57.13 acres (Fraction 7)

Total **86.99 acres**

Road Location and Access

The Hays property is located on the north side of State Route 550 immediately to the west of Eddy Road, between Amesville and Athens. There is road frontage along State Route 550 and Eddy Road, making the Hays property readily accessible on two sides from public roads. There is also a well-maintained trail through the middle of the property. In short, management of the property is not limited by access.

Property Coordinates (Location of house)

Latitude: 39.3883 degrees North Longitude: 82.0008 degrees West

Watershed

McDougall Branch → Federal Creek → Hocking River → Ohio River

Area

Total acreage: 86.99 acres

Forest stewardship acreage: 52 acres (Stands 1-4)

Non-forest acreage for which stewardship recommendations are made: 6 acres (planting sites #1 and 2, which are located within Stand 5)

Non-forest acreage: 29 acres (Stands 5 and 6, not counting planting sites #1 and 2, plus three ponds)

Area for CAUV Classification

Agricultural Fields	25 acres (Stand 5, not counting planting sites #1 and 2) 6 acres (planting sites #1 and 2, which are within Stand 5)
Sub-Total	31 acres

Timber Land (Land on which timber-producing trees dominate, i.e., oak, hickory, maple, poplar, ash, cherry, pine, etc.) **52 acres** (Stands 1-4)

Woodland (Land on which non-timber-producing trees or species of trees dominate, i.e., dogwood, hawthorn, boxelder, sassafras, etc., or on which stocking levels are not adequate for designation as timber land) **0 acres**

Other Land	3 acres (homesite and barn lot, Stand 6) 1 acre (ponds)
Sub-Total	4 acres

Total **86.99 acres, rounded to 87 acres**

Purpose

This plan has been prepared to qualify the landowner's forestland for the following programs:

- ✓ Current Agricultural Use Value (CAUV)
- ✓ Environmental Quality Incentives Program (EQIP) or equivalent

And to advise the landowner on the management of his/her property, especially on **the process of managing, harvesting, and selling timber.**

Landowner Goals

1. Continued enrollment in the Current Agricultural Use Value (CAUV) program
2. Forest management, specifically, under CAUV, for the commercial production of timber
3. Personal enjoyment and outdoor recreation
4. Wildlife habitat management
5. Possible tree planting on old-field sites

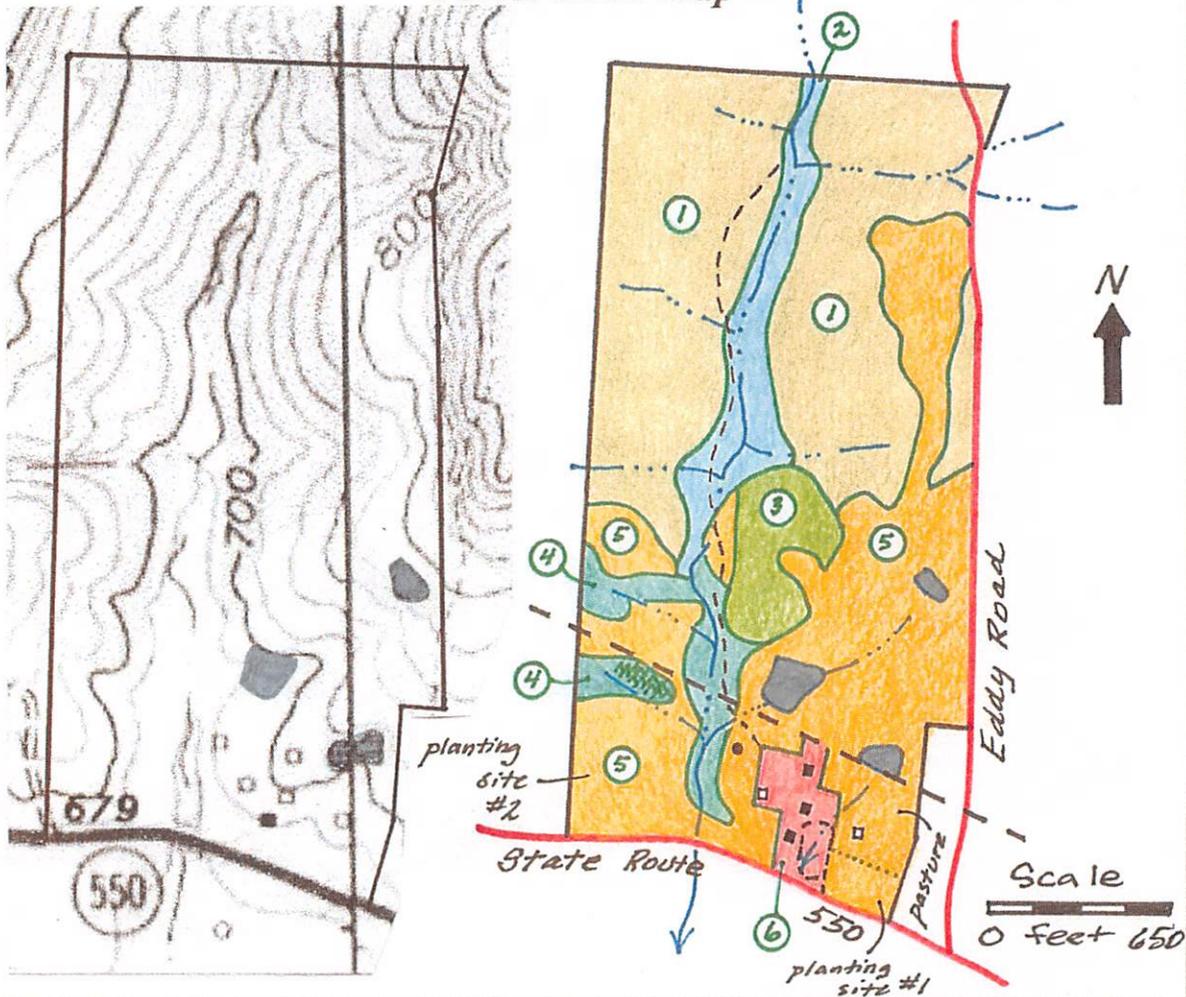
General Description

The Hays property is divided among six general land use types, arranged in the following list from most to least disturbed or intensely managed:

1. Residential area and barn lot (Stand 6—3 acres)
2. Open ground, some of which is used to grow hay or pasture grass (Stand 5, including planting sites #1 and 2—31 acres)
3. Marginal forestland located in the creek bottom or on old-field sites (Stand 4—5 acres)
4. Recently abandoned fields that have reverted to woods (Stand 3—4 acres)
5. Bottomland woods that have grown on the site of old fields (Stand 2—6 acres)
6. Upland second-growth woods dominated by the oak-hickory forest type (Stand 1—37 acres)

In addition, there are three artificial ponds on the property occupying approximately 1 acre.

Forest Stand Map



Key

Section, township, or county boundary		Stand boundary		Buildings	
Property boundary		Stand number		Current	
Public road		Stream		Former	
Private road, trail or path		Lake or pond		Site	
Utility right-of-way		Wetland		Oil/gas well or facility	
Parcel boundary		High point		Oil tank	
Parcel label		Ailanthus or tree-of-heaven		Cemetery	
		Pine or other conifers		Other features	

Note: Not all features shown in the key are necessarily found on the map. Stand boundaries and stand acreage figures are approximate. This stand map is based on ground checks, aerial photographs, topographic maps, and/or other maps. Map drawn by Terence E. Hanley. Date: 12-12-2012

Schedule of Activities

Year	Stand	Area (Acres)	Activity	Notes
2013-2033	All	86.99	Locate and mark your property boundary lines using paint applied to trees and fence posts along the perimeter with a distance of no more than 66 feet between marks. Maintain your boundary line markings for as long as you own the property.	
2013-2033	All	86.99	Cut and control non-native, invasive plant species as needed to promote the growth, health, and reproduction of native flora, especially native trees.	
2013-2018	3	4	Cut grapevines and Japanese honeysuckle vines growing in crop trees, including poplar, cherry, oak, hickory, sugar maple, walnut, and the best specimens of other species.	
2013-2023	1, 2, and 4	48	Cut grapevines and Japanese honeysuckle vines growing in crop trees, including poplar, cherry, oak, hickory, sugar maple, walnut, and the best specimens of other species.	
2013-2033	1, 2, and 4	48	Undertake a light intermediate harvest or improvement harvest in conjunction with general timber stand improvement (TSI), with the advice and assistance of a professional forester.	
2018-2028	3	4	Begin weeding, crop tree release, and thinning to favor the health, growth, and vigor of preferred trees, including oak, hickory, and walnut.	
If desired	Planting sites #1 and 2	6	Plant tree and shrub seedlings	
As needed	All	86.99	Consult with land management professionals and update your forest management plan	

Spacing and Number of Seedlings Needed

Spacing (Feet)	Square Feet per Tree	Trees per Acre	Number of Trees Needed:		
			Planting site #1	Planting site #2	Total
8 x 8	64	681	681	3,405	4,086
8 x 10	80	545	545	2,725	3,270
10 x 10	100	436	436	2,180	2,616

For a good reforestation planting, such as in planting site #2, I would recommend 8 x 8 spacing. If you plant by hand and are not planning to mow between or around your trees with a bush-hog, you can plant randomly as long as your spacing is roughly 8 to 10 feet between trees. If you plan on bush-hogging between or around trees, you should plant in straight rows for easier operations. For more advice and assistance on planting, I would recommend talking to Ohio Division of Forestry service foresters Stephen Rist (740-589-9909) or Perry Brannan (740-589-9915). There may be assistance available for planting through one or more programs with the federal government. If you're interested, contact the USDA Natural Resources Conservation Service (NRCS) district conservationist Joe Weber (740-797-9686, ext. 100).

In an ornamental planting such as in planting site #1, you can vary the spacing between trees, and they can be as much as 15 or 20 feet apart, assuming all survive to maturity. You can talk to the people I have already mentioned, but you can also ask advice from the Ohio Division of Forestry urban forester Ann Bonner (740-589-9910).

Stand 6**Acres:** 3 acres**Forest Type:** Non-forest (residential area and barn lot)**Recommendations:** None