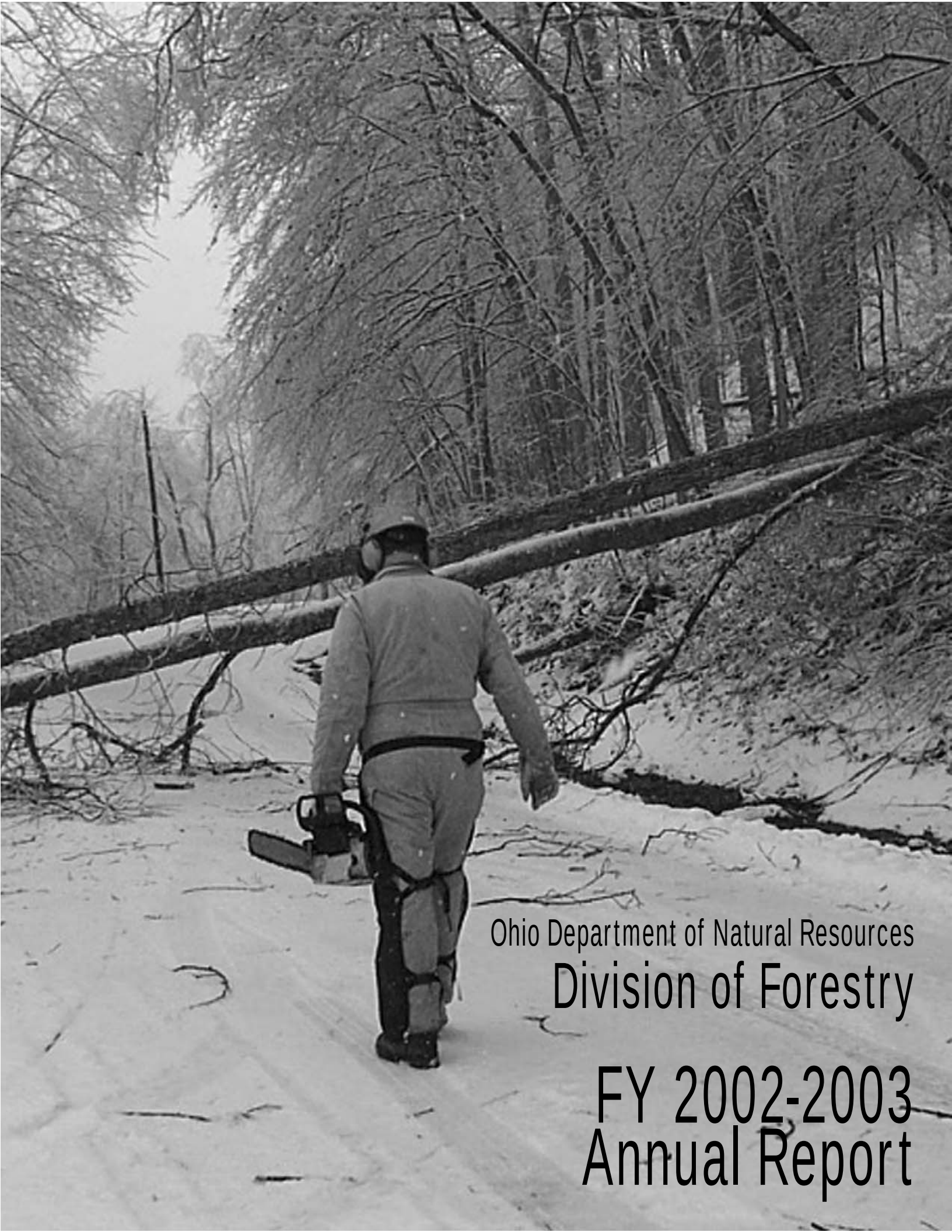

Ohio Department of Natural Resources

Division of Forestry

FY 2002-2003 Annual Report

Ohio Department of Natural Resources
Division of Forestry
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Cover photo: ODNR Forester John Bauerbach heads to the next of hundreds of downed trees in Shawnee State Forest following the February 2003 ice storm which ravaged both Shawnee and Dean State Forests. *photo by Mike Bowden*

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INTRO

Stewardship—nurturing, caring for, and protecting the land and its resources

The goal of the Division of Forestry is to promote excellence in management of Ohio's forests for economic development, biological diversity, and outdoor recreation.

Ohio's forests are a tremendous asset—important in the lives of urban and rural citizens alike… creating a healthy environment and adding to the quality of life.

Forests provide many benefits: diverse wildlife habitat, outdoor recreation, inspirational scenery, and life-sustaining earth processes (e.g., creating oxygen, filtering pollution, and conserving soil). Ohio's forests are also part of a multi-billion dollar wood industry.

The Division of Forestry is committed to nurturing and caring for these forests—either on Ohio's 20 state forests, or the tens-of-thousands of acres of privately-owned forests in Ohio. After nearly a century of conservation, Ohio enjoys increasing forests both in size and age.

2003 FORESTRY FACTS

- 30% of Ohio is forested—almost one out of every three acres.
- 7.6 million acres in tree cover: 97% hardwoods, 3% conifers.
- More than 100 hardwood species, more than 25 softwood species.
- 20 state forests, 185,000+ acres in 21 counties.
- Wayne National Forest with 236,000+ acres.
- 94% of forests are owned by 332,600 private woodland owners.
- 1,850 tree farmers, with 383,647 acres.
- Tree farmers grow 750,000 Christmas trees each year.
- Maple syrup production averages 4,200,000 gallons of sap gathered and 100,000 gallons of syrup a year.
- Ohio grows some of the finest hardwood trees in the world.
- Value of Ohio's wood products industry is more than $7 billion a year.
- 300-400 million board feet of timber harvested each year.
- One billion board feet of wood fiber grown each year (2 1/2 to 3 times more than is harvested).
- About 70,000 Ohioans employed in the wood products industry.
- Approximately 8% of all Ohio manufacturing is wood based.

Mission Statement

Our mission is to promote and apply management for the sustainable use of Ohio's private and public forest lands.

STATE FOREST HIGHLIGHTS

2002:

- Budget reductions for efficiency resulted in a reorganization of State Forest personnel. Actions will continue into the next fiscal year.
- The new Athens District office was completed
- 188 acres of land purchased to add to present State Forests
- 365 miles of boundary maintenance
- 889 miles of trail maintenance
- 3,800 miles of road maintenance
- 473 signs repaired and/or replaced
- 79 safety meetings
- Seven new transport trucks were delivered and fitted with new hydraulic ramp beds to haul the new JD-450 H dozers. The beds were constructed at the Chillicothe Correctional Facility.
- Each District hosted an open house for public review and comment about State Forest plans, projects, and activities.

2003:

- 356 acres of land purchased to add to the State Forest system. Parts of these additions were acquired through land trades that totaled 57.15 acres of State Forest land in trade for private land.
- 214 miles of boundary maintenance
- 1,890 miles of road maintenance
- 438 signs repaired and/or replaced
- 86 safety meetings
- An ice storm devastated Shawnee and Dean State Forests on February 14, 2003. Clean-up efforts will take years and the impact on Forest Management will be felt for decades.
- The Marathon pipeline removal and new installation followed a path through Richland State Forest and Hocking State Forest. This required considerable administration efforts by local managers to monitor environmental impacts that will carry over into the next fiscal year.

COMMUNITY ASSISTANCE

Urban Forestry Program

Ohio's **Urban Forestry** Program provides community officials and allied agencies with the organizational and technical ability to effectively manage the trees along streets, within parks, and on public grounds. This program provided 916 assists (742 of which were municipal assists) in FY02 to 230 Ohio communities. In FY03, the program provided 938 assists (571 of which were municipal assists) to 191 communities.

The division's six urban foresters act as liaisons for the **Tree City USA** program of the National Arbor Day Foundation. The Tree City USA Program is one way to measure the state's urban forestry effectiveness. As a means to recognize cities and villages that competently manage their urban forest resources, the National Arbor Day Foundation initiated the Tree City USA program in 1976. Division personnel act as liaison between communities and the program.

2002:

For the 21st consecutive year, Ohio, with 222 Tree City USA designated communities, was the leader in this national award program. Using more than 40,000 volunteer hours, these 222 cities and villages planted over 54,000 trees (seedlings not included), pruned 106,768 street and park trees, and removed 21,711 dead, dying, and hazardous trees, for a total expenditure of $32,653,022.

2003:

With 231 Tree City USA designated communities, Ohio remains the leader in this national award program for the 22nd consecutive year.

Using more than 38,000 volunteer hours, these 231 communities planted more than 46,000 trees (seedlings not included), pruned 116,752 street and park trees, and removed 21,165 dead, dying or hazardous trees, for a total expenditure of $34,026,706.

Bicentennial Tree Planting Initiative: This program was completed in 2003 with more than 4,700 trees planted during the year. Forty-nine Ohio communities were awarded $480,000 in Bicentennial Legacy Tree Planting grants to plant trees along public rights-of-way. With previous grants, more than $1,550,000 has been awarded to 141 communities. Initiated four years ago, the program was funded by OEPA air pollution fines and resulted in a total of 15,962 trees being planted.

Northwest Ohio Field Windbreak Program

The **Northwest Ohio Field Windbreak Program**, an interagency effort, began in 1977 to get field windbreaks planted in northwestern Ohio to reduce soil erosion, protect crops from wind damage, and enhance wildlife habitat.

2002:

Spring 2002 marked the 26th planting season for the program. This was the second largest planting season in the history of the program's 26 years. A total of 51 field windbreaks were planted in nine counties. Laid end to end, the windbreaks would cover 402,366 row feet, or roughly 76.2 miles. Due to the large number of row feet to plant, the Division of Forestry created a second planting crew to assist in planting windbreaks.

More than 43,400 seedlings from 11 different species were planted. Five conifer species made up approximately 60% of the seedlings planted, while six hardwood and shrub species accounted for 40% (Figure 1).

2003:

Spring 2003 marked the 27th planting season for the Northwest Ohio Field Windbreak Program. It was a record-breaking season with the largest number of row feet planted in the program's history. Success of the past three seasons is largely due to cost-sharing through the Lake Erie Conservation Reserve Enhancement Program (CREP).

FIGURE 1

Specie	Number
Arborvitae	7,820
Austrian Pine	4,501
Norway Spruce	9,918
White Pine	1,405
Am. Plum	303
Silky Dogwood	8,488
English Oak	2,201
Pin Oak	4,544
Baldcypress	2,290
Sgt. Crabapple	1,084
Black Chokeberry	940
Total	**43,494**

2002 Windbreak Planting by Specie

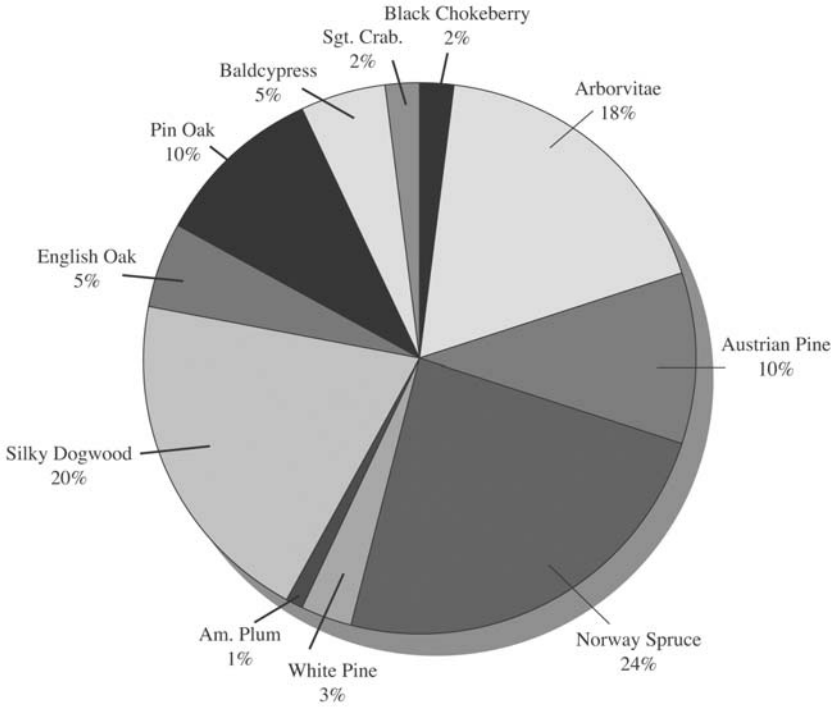


FIGURE 2

Specie	Number
Arborvitae	13,333
Austrian Pine	3,066
Norway Spruce	13,583
White Pine	1,162
E. Redcedar	4,197
Am. Plum	731
Am. Cranberrybush	1,389
Silky Dogwood	6,132
Black Alder	3,335
Pin Oak	9,289
Baldcypress	4,310
Sgt. Crabapple	3,140
Black Chokeberry	919
Total	**64,586**

2003 Windbreak Planting by Specie

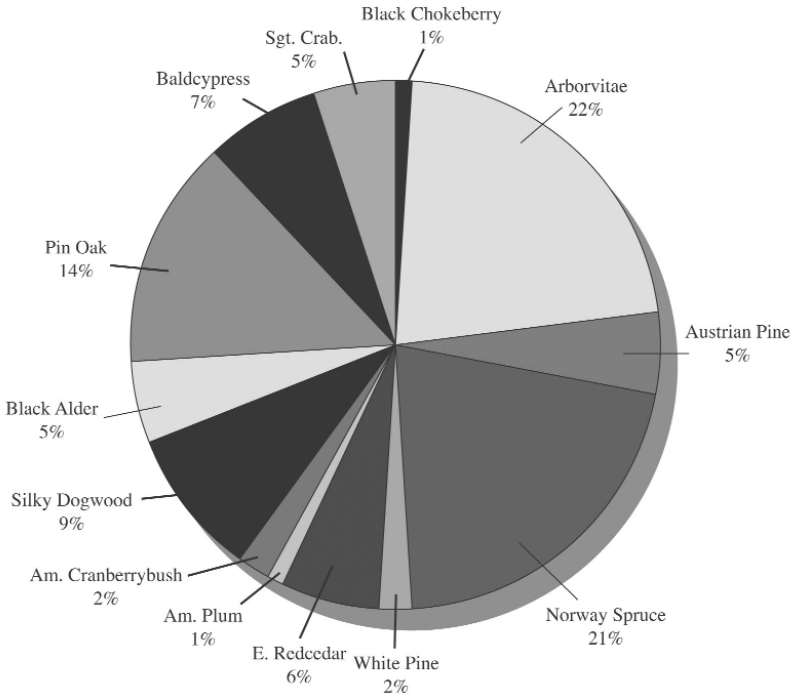
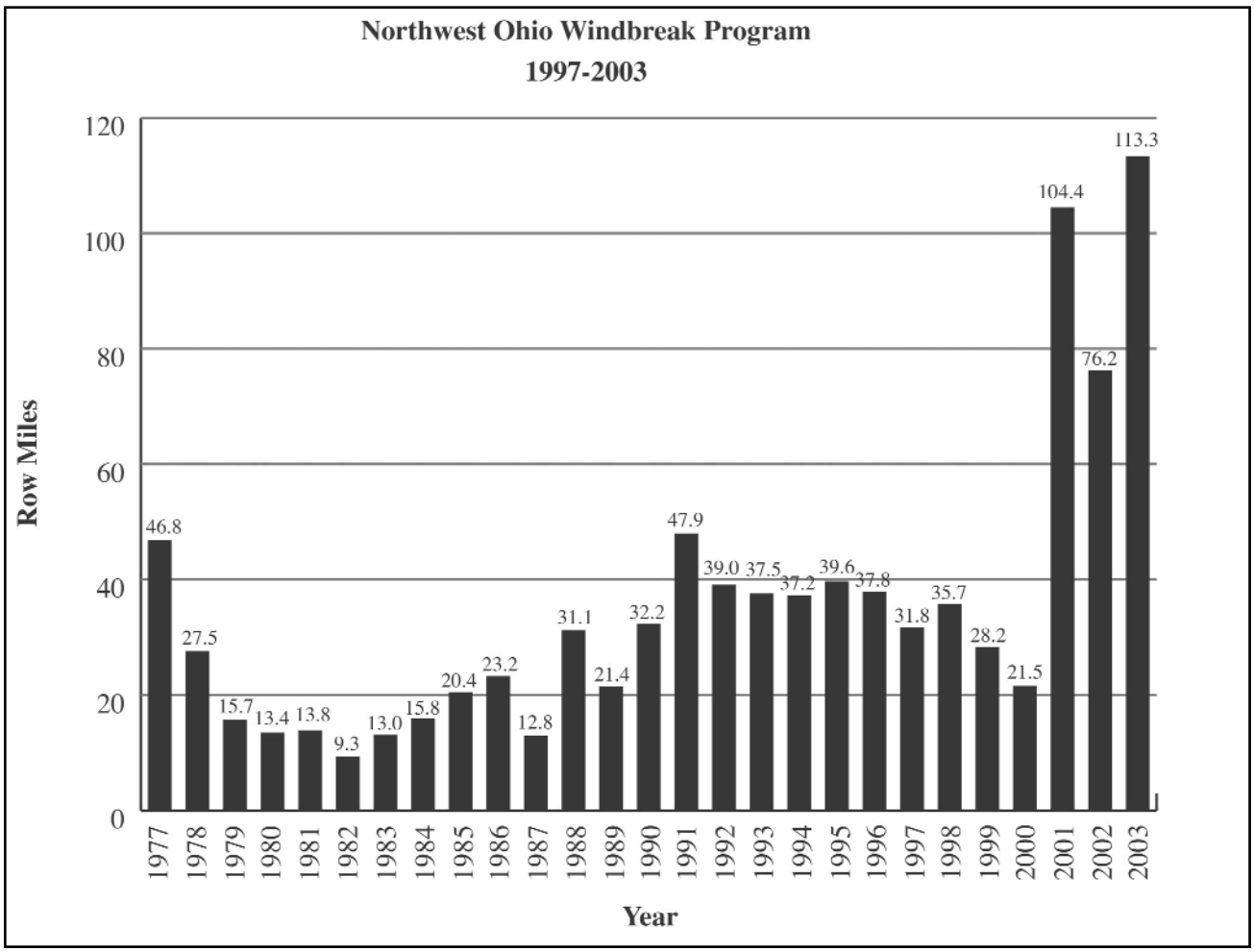


FIGURE 3



A total of 52 field windbreaks were planted in eight counties. Placed end-to-end, the windbreaks would cover 598,075 row feet, or roughly 113.3 miles. More than 64,500 seedlings from 13 different species were planted; six conifer species for 61 percent, while seven hardwood and shrub species accounted for 39 percent (Figure 2). Over the past 27 years, nearly five million row feet of shrubs and trees have been planted (Figure 3).

The *Ohio Windbreak Guide* was completed. It was funded by the Ohio Lake Erie Commission through a Lake Erie Protection Fund grant to Ohio's Lake Erie Buffer Team.

Service Forestry accomplishments for fiscal year 2002:

3,954	Landowner assists
757	Stewardship plans
40,349	Stewardship plans (acres)
647	Referrals to consultants
3,300,000	Board feet of timber marked
613,527	Trees planted
877	Trees planted (acres)
1,873	Timber stand improvements (acres)

Results of Federal Cost-Share Programs with Forestry Practices—Fiscal Year 2002:

Tree Planting:

Cost-share Dollars Used	$230,686
Number of Trees Planted	5,404,627
Number of Acres of Trees Planted	721

Timber Stand Improvement:

Cost-share Dollars Used	$18,730
Number of Acres of Timber Stand Improvement	1,873

Service Forestry accomplishments for fiscal year 2003:

3,383	Landowner assists
695	Stewardship plans
34,526	Stewardship plans (acres)
613	Referrals to consultants
3,584,000	Board feet of timber marked
457,100	Trees planted
653	Trees planted (acres)
1,087	Timber stand improvements (acres)

Results of Federal Cost-Share Programs with Forestry Practices—Fiscal Year 2003:
(These numbers reflect the closure of the final FIP practices)

Tree Planting:	
Cost-share Dollars Used	$15,360
Number of Trees Planted	67,200
Number of Acres of Trees Planted	96
Timber Stand Improvement:	
Cost-share Dollars Used	$2,600
Number of Acres of Timber Stand Improvement	40

Fire Program

In Ohio, about 1,000 wildfires consume as much as 4,000-6,000 acres of forest and grassland each year. In 2003, state foresters launched **FireWise** Ohio, a new education program to help woodland area residents to safeguard their properties from wildfires. They work closely with local fire departments and citizens to provide home risk assessment and safety advice; promote the use of landscaping and building techniques to minimize wildfire threats; and conduct statewide studies to identify communities at greater risk and provide increased education.

Volunteer Fire Assistance Grants: Fire departments and support organizations can receive grants for organizational training and equipment costs. Equipment is provided by the U.S. Forest Service. More than 800 rural Ohio fire departments have received assistance since the VFA program was established in 1978. The division also coordinates a program that provides excess federal equipment—such as trucks and generators—to more than 300 fire departments in eastern and southeastern Ohio and the Maumee State Forest area of northwestern Ohio. Since 1996, more than $7-million in equipment was acquired and loaned.

Number of Wildfires and Acres Burned by Causes in FY 2002

Cause	No. of Fires	Total Acreage Burned
Between 07/01/01 and 06/30/02		
CAMPFIRE	12	157.65
CHILDREN	7	7.95
DEBRIS BURNING	332	1286.96
EQUIPMENT	20	53.9
INCENDIARY	210	2415.01
LIGHTNING	7	6.65
OTHER	95	430.87
RAILROAD	3	1.2
SMOKING	20	311.35
UNKNOWN	253	1246.48
Grand Totals:	**959**	**5918.02**

Number of Wildfires and Acres Burned by Causes in FY 2003

Cause **Between 07/01/02 and 06/30/03**	**No. of Fires**	**Total Acreage Burned**
CAMPFIRE	12	29.75
CHILDREN	3	1
DEBRIS BURNING	279	1525.489
EQUIPMENT	19	81.9
INCENDIARY	99	769.34
LIGHTNING	7	27.72
OTHER	83	248.79
RAILROAD	1	0.015
SMOKING	15	38.38
UNKNOWN	171	1253.921
Grand Totals:	**689**	**3976.305**

SEEDLINGS

Spring 2003 seedling sales went well, with a total of 3,244,751 seedlings sold. A total of 2.2 million shipped from Marietta Nursery, and another 1 million seedlings were salvaged from Zanesville and sold in bulk. Total revenue amounted to $795,000. Tree seedlings are used for reforestation, wildlife habitat development, erosion control, windbreaks, and other conservation projects. Species included baldcypress, black locust, green ash, river birch, sugar maple, sweetgum, black alder, white pine, pin oak, white ash, black cherry, silky dogwood, red oak, silver maple, and tuliptree.

In addition, the division participated in a program with MeadWestvaco which gives free pine seedlings to landowners in Ohio's southern 49 counties. Landowners agree to plant at least five acres of white pines. The division's service foresters are the primary contacts, assisting landowners in qualifying, and providing technical advice in how and where to plant the pines. MeadWestvaco purchases up to 600,000 seedlings a year from Marietta Nursery. The program has enabled reforestation on nearly 18,000 acres.

FY2003 brought drastic and significant change to the reforestation program. Due to budget cuts, the **Zanesville Nursery** was closed. All production of nursery stock was shifted to the Marietta Nursery, requiring massive changes in the fall seedling schedule in 2002. Equipment and resources were moved. All employees were displaced by November 15, 2003, with the exception of the nursery manager and business services officer.

Presently, the **Marietta Nursery** produces approximately three million seedlings a year, with roughly 60 percent conifer and 40 percent hardwood. Approximately 45 to 50 species will be offered annually. Many staff members are learning nursery techniques associated with growing different species.

2002 Seedling Sales by Species

Species Description	Marietta	Zanesville	Total Revenue*
Arborvitae	21,487.50	0.00	21,487.50
Ash, Green	0.00	181,381.25	181,381.25
Ash, White	0.00	26,961.25	26,961.25
Baldcypress	20,043.75	0.00	20,043.75
Basswood, American	0.00	3,051.25	3,051.25
Birch, River	2,393.75	7,153.75	9,547.50
Blackhaw	0.00	13.75	13.75
Boxelder	0.00	772.50	772.50
Buckeye, Ohio	0.00	8,247.50	8,247.50
Butternut	0.00	14,127.50	14,127.50
Cherry, Black	0.00	18,990.00	18,990.00
Chestnut, Chinese	0.00	3,228.75	3,228.75
Chokeberry, Black	0.00	4,613.75	4,613.75
Coffeetree, Kentucky	0.00	1,815.00	1,815.00
Crabapple, American	0.00	3,270.00	3,270.00
Crabapple, Sargent	0.00	7,262.50	7,262.50
Cranberrybush	0.00	350.00	350.00
Dogwood, Flowering	0.00	7,062.50	7,062.50
Dogwood, Silky	0.00	22,300.00	22,300.00
Ginkco	0.00	1,973.75	1,973.75
Hawthorn, Washington	0.00	7,373.75	7,373.75

Species Description	Marietta	Zanesville	Total Revenue*
Hazelnut	1,050.00	7,486.25	8,536.25
Hickory, Shagbark	721.25	7,213.75	7,935.00
Indigobush	0.00	545.00	545.00
Larch, Eastern	1,947.50	0.00	1,947.50
Locust, Black	6,686.25	12,096.25	18,782.50
Locust, Bristly	0.00	1,402.50	1,402.50
Maple, Red	4,725.00	22,892.50	27,617.50
Maple, Silver	0.00	19,416.25	19,416.25
Maple, Sugar	751.25	23,447.50	24,198.75
Maple, Sugar Hy	518.75	6,115.00	6,633.75
Oak, Black	0.00	4,873.75	4,873.75
Oak, Bur	0.00	24,032.50	24,032.50
Oak, English	0.00	3,915.00	3,915.00
Oak, Pin	0.00	29,463.75	29,463.75
Oak, Red	4,422.50	76,832.50	81,255.00
Oak, Red (Pt)	54,415.00	2,757.50	57,172.50
Oak, Sawtooth	1,286.25	5,076.25	6,362.50
Oak, Sawtooth (Pt)	7,000.00	0.00	7,000.00
Oak, Shumard	0.00	12,575.00	12,575.00
Oak, White	25,003.75	67,618.75	92,622.50
Persimmon	0.00	7,198.75	7,198.75
Pine, Austrian	95,411.25	0.00	95,411.25
Pine, Loblolly	21,842.50	0.00	21,842.50
Pine, Pitlolly	4,108.75	0.00	4,108.75
Pine, Pitlolly (Pt)	10,560.00	0.00	10,560.00
Pine, Red	4,248.75	0.00	4,248.75
Pine, Virginia	8,141.25	0.00	8,141.25
Pine, Virginia (Pt)	36,608.75	0.00	36,608.75
Pine, White	148,312.50	0.00	148,312.50
Pine, White 3-0	24,355.00	0.00	24,355.00
Pine, White Mead Free	71,888.85	0.00	71,888.85
Pine, White (Pt)	2,800.00	0.00	2,800.00
Plum, American	0.00	9,067.50	9,067.50
Redbud	0.00	10,677.50	10,677.50
Redcedar, Eastern	5,413.75	0.00	5,413.75
Rose, Rugosa	0.00	981.25	981.25
Serviceberry, Thicket	0.00	693.75	693.75
Spruce, Norway	51,282.50	0.00	51,282.50
Spruce, White	5,465.00	0.00	5,465.00
Sumac, Smooth	0.00	3,332.50	3,332.50
Sweetgum	1,833.75	12,788.75	14,622.50
Sycamore	331.25	15,163.75	15,495.00
Tuliptree	0.00	9,936.25	9,936.25
Tupelo, Black	4,611.25	1,013.75	5,625.00
Walnut, Black	0.00	37,802.50	37,802.50
Willow, Banker’s Dwarf	0.00	1,510.00	1,510.00
Willow, Streamco	0.00	1,348.75	1,348.75
Grand Total	**$649,667.60**	**$759,223.75**	**$1,408,891.35**

* shipping charges not included

2003 Seedling Sales by Species

Species Description	Total Sales	Total Revenue*
Alder, Black	5,451	$931.70
Arborvitae	38,426	$13,548.10
Ash, Green	120,788	$28,817.56
Ash, White	9,562	$1,147.44
Baldcypress	28,800	$9,948.50
Baldcypress, Husky	1,600	$932.50
Basswood, American	4,125	$495.00
Birch, River	43,412	$11,946.69
Buckeye, Ohio	22,722	$2,726.64
Buttonbush	3,805	$456.60
Cherry, Black	50,875	$6,105.00
Cherry, Japanese	2,850	$0.00
Chokeberry, Black	19,470	$2,288.25
Coffeetree, Kentucky	961	$115.32
Crabapple, Mixed	2,000	$905.00
Crabapple, Sargent	3,703	$119.70
Cranberrybush, American	2,002	$73.80
Dogwood, Flowering	20,015	$2,398.80
Dogwood, Silky	41,352	$6,403.27
Hawthorn, Washington	2,734	$328.08
Hazelnut	7,000	$5,072.50
Hemlock, Eastern	10,825	$7,765.00
Hickory, Shagbark	4,700	$564.00
Locust, Black	15,866	$6,482.42
Maple, Red	11,400	$3,488.00
Maple, Silver	27,370	$3,284.40
Maple, Sugar	57,865	$19,971.05
Oak, Bur	66,087	$7,930.44
Oak, Chestnut	8,048	$965.76
Oak, Chinkapin	13,627	$1,635.24
Oak, Pin	74,035	$8,548.81
Oak, Red	160,495	$28,229.65
Oak, Red (Pt)	74,350	$52,172.50
Oak, Sawtooth	38,376	$9,160.62
Oak, Sawtooth (Pt)	2,200	$1,607.50
Oak, Shumard	9,461	$1,135.32
Oak, Swamp White	73,899	$8,867.88
Oak, White	83,542	$27,517.54
Pawpaw	13,825	$1,659.00
Pine, Austrian	321,776	$82,121.25
Pine, Pitlolly	14,450	$3,627.00
Pine, Red	18,400	$5,420.00
Pine, Virginia	12,400	$3,580.00
Pine, Virginia (Pt)	119,950	$83,572.50
Pine, White	411,747	$100,662.25
Pine, White 3-0	24,350	$18,515.00
Pine, White Mead Free	675,000	$84,600.00
Pine, White (Pt)	19,950	$10,645.00
Plum, American	17,011	$4,150.42
Redbud, Eastern	18,060	$2,167.20
Redcedar, Eastern	8,174	$1,846.15
Serviceberry, Thicket	53,984	$6,478.08
Spruce, Norway	157,531	$65,654.60
Spruce, White	12,825	$6,143.75
Sweetgum	36,980	$11,595.60
Sycamore	9,339	$2,870.68
Tuliptree	64,362	$7,781.44
Tupelo, Black	13,143	$1,577.16
Walnut, Black	56,845	$6,821.40
Willow, Banker's Dwarf	500	$235.00
Willow, Streamco	350	$182.50
Grand Total	**3,244,751**	**$795,992.56**

* shipping charges not included

2002 Seedling Sales by County

County Name	Marietta	Zanesville	Total Seedlings Sold*
Adams	9,575	1,950	11,525
Allen	35,100	8,225	43,325
Ashland	12,875	6,000	18,875
Ashtabula	5,425	5,025	10,450
Athens	36,425	9,025	45,450
Auglaize	3,200	6,550	9,750
Belmont	22,225	3,975	26,200
Brown	8,000	3,675	11,675
Butler	11,975	3,625	15,600
Carroll	15,250	20,250	35,500
Champaign	8,450	14,750	23,200
Clark	3,950	2,075	6,025
Clermont	8,850	1,875	10,725
Clinton	6,475	1,375	7,850
Columbiana	19,975	7,775	27,750
Coshocton	43,950	17,925	61,875
Crawford	5,591	12,281	17,872
Cuyahoga	17,900	10,750	28,650
Darke	5,100	8,125	13,225
Defiance	8,000	37,400	45,400
Delaware	27,400	10,750	38,150
Erie	5,165	125	5,290
Fairfield	43,825	37,325	81,150
Fayette	4,475	2,525	7,000
Franklin	70,375	40,875	111,250
Fulton	14,468	14,150	28,618
Gallia	14,550	4,350	18,900
Geauga	8,275	1,125	9,400
Greene	69,385	2,025	71,410
Guernsey	41,900	10,300	52,200
Hamilton	11,000	9,425	20,425
Hancock	10,572	12,611	23,183
Hardin	4,675	8,400	13,075
Harrison	6,525	10,300	16,825
Henry	6,647	12,703	19,350
Highland	17,475	25,100	42,575
Hocking	22,675	4,050	26,725
Holmes	9,850	5,650	15,500
Huron	14,725	35,900	50,625
Jackson	25,250	850	26,100
Jefferson	1,800	2,600	4,400
Knox	21,950	11,475	33,425
Lake	4,900	8,175	13,075
Lawrence	62,175	150	62,325
Licking	28,025	11,325	39,350
Logan	17,450	39,275	56,725
Lorain	11,850	9,400	21,250
Lucas	2,600	2,825	5,425

County Name	Marietta	Zanesville	Total Seedlings Sold*
Madison	7,025	4,125	11,150
Mahoning	3,625	1,425	5,050
Marion	2,600	4,250	6,850
Medina	27,325	9,000	36,325
Meigs	17,350	17,700	35,050
Mercer	2,075	4,350	6,425
Miami	8,625	8,375	17,000
Monroe	34,850	2,600	37,450
Montgomery	7,875	6,275	14,150
Morgan	110,250	82	111,075
Morrow	2,300	4,175	6,475
Muskingum	38,150	20,550	58,700
Noble	27,650	1,275	28,925
Ottawa	67	2,225	2,900
Paulding	4,525	24,550	29,075
Perry	26,250	2,100	28,350
Pickaway	12,400	4,250	16,650
Pike	37,300	1,300	38,600
Portage	11,525	2,550	14,075
Preble	47	2,250	2,725
Putnam	1,600	2,725	4,325
Richland	11,125	8,525	19,650
Ross	325,725	4,300	330,025
Sandusky	5,801	9,90	15,708
Scioto	10,725	900	11,625
Seneca	15,548	20,360	35,908
Shelby	62,900	10,325	73,225
Stark	16,475	10,150	26,625
Summit	16,700	6,125	22,825
Trumbull	4,425	2,700	7,125
Tuscarawas	14,425	15,050	29,475
Union	8,600	8,375	16,975
Vanwert	2,875	6,775	9,650
Vinton	38,550	42	38,975
Warren	21,575	3,475	25,050
Washington	59,875	2,550	62,425
Wayne	16,075	22,850	38,925
Williams	6,800	17,000	23,800
Wood	11,990	14,042	26,032
Wyandot	4,854	3,353	8,207
Various	198,664	161,718	360,382
Out-of-State	231,250	142,900	374,150
Grand Total	**2,337,660**	**1,115,075**	**3,452,735**

* shipping charges not included

2003 Seedling Sales by County

Seedlings County	Total Sold	Revenue*
Adams	28,500	$4,677.75
Allen	98,570	$27,262.88
Ashland	23,125	$7,649.00
Ashtabula	18,990	$3,512.68
Athens	63,304	$24,631.28
Auglaize	3,700	$1,201.00
Belmont	28,050	$6,479.10
Brown	17,035	$3,574.20
Butler	13,220	$2,779.53
Carroll	30,080	$11,665.98
Champaign	15,700	$4,051.88
Clark	25,373	$4,940.64
Clermont	9,600	$4,330.00
Clinton	3,900	$678.50
Columbiana	35,065	$8,695.18
Coshocton	50,881	$13,457.97
Crawford	203,216	$27,196.05
Cuyahoga	45,300	$16,604.13
Darke	18,450	$3,541.00
Defiance	9,531	$5,092.63
Delaware	112,671	$30,163.90
Erie	7,200	$2,638.88
Fairfield	27,450	$12,743.25
Fayette	13,275	$3,208.63
Franklin	69,025	$20,886.63
Fulton	12,950	$3,774.38
Gallia	28,716	$4,721.80
Geauga	4,875	$2,139.75
Greene	11,950	$4,641.63
Guernsey	250,875	$141,079.53
Hamilton	11,350	$4,009.38
Hancock	34,043	$14,879.63
Hardin	5,575	$2,193.63
Harrison	38,899	$8,380.13
Henry	17,757	$2,394.63
Highland	4,600	$803.50
Hocking	17,700	$4,384.88
Holmes	46,433	$9,001.09
Huron	13,350	$6,566.50
Jackson	27,150	$4,855.88
Jefferson	28,900	$4,737.55
Knox	31,900	$6,503.88
Lake	11,250	$4,386.38
Lawrence	11,600	$1,051.13
Licking	32,125	$9,514.00
Logan	25,450	$2,566.38
Lorain	17,850	$5,263.38
Lucas	2,850	$1,170.13
Madison	14,125	$2,593.63
Mahoning	6,165	$2,254.18
Marion	3,350	$1,377.13
Medina	36,350	$12,687.13
Meigs	44,110	$5,892.33
Mercer	5,470	$1,491.78
Miami	16,750	$5,011.38
Monroe	26,300	$4,294.75
Montgomery	12,625	$4,521.00
Morgan	136,412	$17,728.87
Morrow	30,370	$7,350.59
Muskingum	60,055	$8,239.98
Noble	36,400	$4,368.85
Ottawa	1,550	$474.38
Out-of-State	337,307	$44,344.47
Paulding	18,667	$1,298.13
Perry	60,600	$12,654.60
Pickaway	129,886	$18,644.45
Pike	50,500	$7,441.38
Portage	10,250	$4,079.63
Preble	2,500	$1,116.88
Putnam	16,440	$2,090.13
Richland	13,230	$4,089.61
Ross	101,400	$10,983.63
Sandusky	1,850	$1,130.00
Scioto	13,050	$3,090.50
Seneca	14,350	$6,689.63
Shelby	15,350	$5,114.25
Stark	38,185	$11,188.33
Summit	36,595	$6,132.78
Trumbull	23,500	$8,303.00
Tuscarawas	52,800	$15,842.88
Union	17,400	$4,373.38
Vanwert	10,055	$1,126.65
Vinton	38,800	$4,865.15
Warren	9,425	$3,030.00
Washington	47,525	$9,015.75
Wayne	21,075	$5,011.38
Williams	7,517	$2,389.13
Wood	65,803	$22,249.00
Wyandot	1,300	$730.25
Grand Total	**3,244,751**	**$795,992.56**

* shipping charges not included

2002:

Aerial Survey 2002
The Division of Forestry's aerial survey was completed in late June, 2002. The survey detected 8,600 acres damaged by the common oak moth (caterpillar). The damage was mostly on white oaks in Scioto Trail State Forest, located in Ross County. Other areas in Ross and Athens Counties were also defoliated. Gypsy moth defoliation totaled about 2,500 acres this year. This is down from 42,000 acres last year. Eastern Tent Caterpillar numbers were also down this year. Jumping oak gall did not cause a repeat outbreak this year. Last year, this insect caused foliage browning on white oaks in areas just north of Marietta, Ohio. Finally, very few southern pine beetle spots were detected this year.

Common Oak Moth
The common oak moth (*Phoberia atomaris*) showed up in Ross County in 2002. This insect, despite its name, is not all that common in Ohio. In keeping with its name, the caterpillars were feeding on oak. The common oak moth can be found from Massachusetts to Florida, and west to Kansas and Texas. The caterpillars are nearly an inch long, thick bodied and hairless. They have black markings, especially paired black triangles down the back, and irregular brown lines down the sides. There are historical records of the insect in Ohio, most recently in the late 1990's. In the Missouri Ozarks, a common oak moth outbreak severely defoliated post oaks in 2001. Their numbers were much lower in that location this year.

The outbreak this year in Ohio seemed to be confined to Ross County. There were a few caterpillars reported in Athens County. The most heavily damaged area was at Scioto Trail State Forest, where the Division's aerial survey detected 8,600 acres of severely defoliated oaks in June. While the literature states that all oaks are suitable hosts, white oaks seemed to be favored in this outbreak. In many cases, the white oaks were completely defoliated, resulting in subsequent re-foliation. The impact on the health of these oaks will be seen over the next few years. Trees in poor condition may have already died, others will decline or recover depending on environmental conditions during the next few growing seasons. We'll be watching what happens next spring. If necessary, shade and ornamental trees can be protected with any insecticide labeled for caterpillars.

Freeze/Frost Damage
Ohio trees also experienced freeze/frost damage this past May. Trees most commonly showing damage symptoms were Black Locust, Black Walnut, Redbud, Sycamore, Sassafras, Tuliptree, and Norway Spruce. Symptoms vary from scorched leaf margins, leaf browning, and/or leaf wilting. As temperatures drop in the fall, trees survive by moving freeze prone water into areas between cells where it can freeze without damaging plant tissue. However, as temperatures warm in the spring, freeze prone water between the cells is moved back into cells. When spring warm-ups are followed by a sharp drop in temperature, these de-acclimated plant tissues are damaged.

April and May rainfall was excessive. After that, rainfall was scarce through June, July, August, and early September. Trees are showing drought stress this fall.

Hemlock Woolly Adelgid
The exotic insect Hemlock Woolly Adelgid (HWA) was recently found in Painesville, Ohio. This insect has killed large numbers of Eastern Hemlock trees in the eastern U.S. This is the first time this insect has been found in Ohio. The infestation was found in 8 of 15 hemlock trees which were planted as balled and burlap stock. The Ohio Department of Agriculture removed and destroyed these 15 trees to prevent the spread of the insect. Surveys for other HWA infestations in the area are ongoing. The insect has not been found in any of Ohio's natural hemlock stands.

Periodical Cicada
Three species of periodical cicadas (genus Magicicada) appeared in portions of Ashtabula, Trumbull, Columbiana and Mahoning counties, as well as the northern half of Jefferson County this spring. They also emerged in parts of West Virginia and Pennsylvania. This population, referred to as a Brood VIII by entomologists, was last seen in 1985.

Asian Longhorned Beetle Outreach
We continued ALB outreach by visiting 12 more high risk sites (6 last year). During the site visits, foresters talked with property managers/owners about ALB and provided printed information regarding ALB. Host trees on the property were also inspected for signs of ALB. The ALB page on the Ohio Division of Forestry website was also updated.

Seedling Monitoring
The second year of the seedling monitoring project was completed. Data was collected on seedlings planted on eight strip mine sites. Data will eventually help us compare survival and growth of various hardwood and conifer tree seedlings on different types of sites.

Forest Inventory and Analysis and Forest Health Monitoring
Ohio completed its second year of full participation in the FIA/ FHM program. This year, we again used a college intern to collect the vegetation data. All other data was collected by federal crews.

Gypsy Moth
Hocking County is being added to the quarantine (generally infested area of Ohio). About 33,000 acres of forest land were treated with pheromone flakes during the state's STS project in Ross, Pike, Clark, and Scioto counties. About 16,000 acres were treated in 21 counties as part of the Ohio suppression program. Aerial surveys in June/July recorded 2,500 acres of gypsy moth defoliation (22 counties) and 13,000 acres of gypsy moth induced tree mortality (Summit and Cuyahoga counties).

Other
Beech scale remains easy to find at Holden Arboretum in Lake County, Ohio. The infestation is not getting worse and the number of declining beech trees has stabilized at 1 or 2 per year. Bagworms damaged lots of landscape plants, especially in central Ohio. Pear thrips were reported causing light damage to sugar maple in northeast Ohio. White pine weevil damaged white pine and various spruce trees again this year. There were several reports from central Ohio to go along with the normal eastern Ohio reports. Fire blight was evident on Callery pears in July. Disease symptoms and dieback occurred on several varieties, but 'Bradford' seemed unaffected. The cypress gall midge was reported again this year forming glaucous galls on baldcypress twigs.

2003:

In February, Shawnee State Forest was hit by a **major ice storm** which had a devastating impact on the 63,000-acre forest, toppling tens of thousands of trees, closing local roads and major trail systems. Division staff removed damaged trees to prevent waste of a usable resource, reduce risk of future wildfires and insect infestations, and create an ideal habitat for the natural regeneration of the area's original oak forest.

Clearing was assisted by volunteers from the Boy Scouts, Buckeye Trail Association, The Nature Conservancy, and the Ohio Horsemen's Council. A local logging company used a Sikorsky helicopter to remove thousands of trees killed or severely damaged—the first time a chopper has been used this way in an Ohio state forest. The heavy-lifting helicopter was part of the massive salvage operation that emphasized low-impact techniques to protect the soil and forest floor. State foresters also encouraged landowners to salvage their own damaged trees. The state achieved a harvest production of 6.7 million board feet due in large part to ice storm clean-up activities.

Foresters document and monitor the health of our forestry resource by tracking insect pests and diseases. In 2003, the following conditions were noted:

The **emerald ash borer** was discovered near Whitehouse in Lucas County in February, 2003. An eradication effort led by the Ohio Department of Agriculture resulted in the removal and destruction of about 4,000 ash trees from a quarter-mile radius area around the infested properties. Restoration efforts are currently in progress. Other infestations were found in Defiance, Wood, and Paulding counties.

No new counties were added to the Ohio **gypsy moth** quarantine in 2003. About 18,500 acres of forest land were treated with pheromone flakes during the state's STS project in Hamilton, Butler, Greene, Clark, Ross, Pike, Scioto, and Lawrence counties. About 2,100 acres were treated in Cuyahoga, Holmes, Coshocton, Tuscarawas, and Wayne counties during the Ohio gypsy moth suppression program. Eradication projects totaling 625 acres were accomplished in Hancock County and Fayette County. Aerial surveys in June/July

recorded 3,400 acres of gypsy moth defoliation compared to last year's total of 2,500 acres.

The division completed an aerial survey in late June, 2003 that detected about 8,200 acres of forest damaged by the **common oak moth caterpillar and a geometrid in the genus Phigalia**. The damage was mostly on white oaks in the area between Chillicothe and Waverly, east to Jackson. Another outbreak area was between Jackson and Oak Hill. White oaks in the Shawnee State Forest were also defoliated. Counties affected included Ross, Vinton, Pike, Jackson, Scioto, Hocking, Lawrence, and Athens. Damage was severe in some areas, and mortality occurred again this year at Scioto Trail State Forest in Ross County.

Other pests reported in 2003 include: **Eastern tent caterpillar** numbers were down again this year. **Jumping oak gall** did not reach outbreak levels. Many varieties of **anthracnose** were evident this year because of the wet weather conditions. In 2003, **beech scale** at Holden Arboretum in Lake County is not getting worse, and the number of declining beech trees has stabilized at one or two per year. **Bagworms** damaged a lot of landscape plants, especially in central Ohio. White pine weevil damaged white pine and various spruce trees again this year.

STATE FOREST LAND INVENTORY

2002 Ohio's State Forests

1. Maumee: 3,068 acres, Fulton/Henry/Lucas counties
2. Mohican-Memorial: 4,498 acres, Ashland County
3. Beaver Creek: 1,100 acres, Columbiana County
4. Yellow Creek: 756 acres, Columbiana County
5. Harrison: 1,345 acres, Harrison County
6. Fernwood: 3,023 acres, Jefferson County
7. Blue Rock: 4,579 acres, Muskingum County
8. Sunfish Creek: 637 acres, Monroe County
9. Perry: 4,567 acres, Perry County
10. Hocking: 9,267 acres, Hocking County
11. Gifford: 320 acres, Athens County
12. Tar Hollow: 16,120 acres, Ross/Vinton/Hocking counties
13. Zaleski: 26,827 acres, Vinton/Athens counties
14. Shade River: 2,602 acres, Meigs County
15. Scioto Trail: 9,390 acres, Ross/Pike counties
16. Pike: 11,961 acres, Pike/Highland counties
17. Richland Furnace: 2,448 acres, Jackson/Vinton counties
18. Brush Creek: 12,749 acres, Scioto/Adams/Pike counties
19. Shawnee: 62,583 acres, Scioto/Adams counties
20. Dean: 2,745 acres, Lawrence County

2003 Ohio's State Forests

1. Maumee: 3,103 acres, Fulton/Henry/Lucas counties
2. Mohican-Memorial: 4,525 acres, Ashland County
3. Beaver Creek: 1,122 acres, Columbiana County
4. Yellow Creek: 756 acres, Columbiana County
5. Harrison: 1,346 acres, Harrison County
6. Fernwood: 3,023 acres, Jefferson County
7. Blue Rock: 4,578 acres, Muskingum County
8. Sunfish Creek: 637 acres, Monroe County
9. Perry: 4,567 acres, Perry County
10. Hocking: 9,696 acres, Hocking County
11. Gifford: 320 acres, Athens County
12. Tar Hollow: 16,354 acres, Ross/Vinton/ Hocking counties
13. Zaleski: 27,370 acres, Vinton/Athens counties
14. Shade River: 2,859 acres, Meigs County
15. Scioto Trail: 9,600 acres, Ross/Pike counties
16. Pike: 12,084 acres, Pike/Highland counties
17. Richland Furnace: 2,524 acres, Jackson/ Vinton counties
18. Brush Creek: 13,502 acres, Scioto/Adams/ Pike counties
19. Shawnee: 63,747 acres, Scioto/Adams counties
20. Dean: 2,745 acres, Lawrence County

RECREATION

2002 Recreational Activities

5,744	Backpackers
8,069	Horse/Campers
1,809	Family Campers
1,350	Hunter Campers
7,081	APV Riders
11	Snowmobilers
19,766	Horse Riders
19,429	Hunters
10,299	Hikers
3,849	Gun Range Users
1,822	Mountain Bikers
1,121	Harvesters
506	Rock Climbers/Rapellers
13,436	Others

2003 Recreational Activities

6,061	Backpackers
10,993	Horse/Campers
2,791	Family Campers
2,305	Hunter Campers
14,197	APV Riders
80	Snowmobilers
56,199	Horse Riders
32,211	Hunters
48,118	Hikers
6,032	Gun Range Users
1,048	Mountain Bikers
2,746	Harvesters
6,407	Rock Climbers/Rapellers
27,535	Others

STATE FOREST MANAGEMENT

Timber is used for many products. The value of forestry is that trees are a **renewable resource**. We aim to use the product wisely. Some of the wood products you use in your daily life include:

Housing: framing timber; plywood for siding, roofs, and floors; molding; beams, trusses; decks, fences, gazebos, flower boxes; doors, shutters, paneling; dowels; dog houses, hot tubs, landscape ties; log homes, mulch; shelving; stairs, windows, etc.

Furniture: cabinets, tables, chairs, beds, chests, cupboards, decorative items, bookshelves, baskets, cutting boards, desks, blinds, etc.

Other: boats, bowling alleys and pins, caskets, barrel staves, pallets, carving stock, gun stocks, handles, firewood, patterns, gavels, mine timbers, pencils, railroad ties, poles, stakes, charcoal, etc.

Paper: office, stationery, cards, newspapers, magazines, books, maps, photos, posters, boxes, bags, checks, tags, cartons, envelopes, gift wrap, insulation, towels, etc.

2002 Forest Management Activities

Acres	
4	Tree Planting
1,927	Timber Stand Improvement
7,512	Cruising
1,060	Marking
1,391	Selective Harvesting
335	Clearcut Harvesting
23	Wildlife Openings
650	Timber Sales Closed/BMPs

FY 2002 Timber Sales

Hardwood Stumpage	2,690,477 board feet, 6,726 tons	$1,210,502.10
Hardwood Products	31,856 board feet	$9,317.73
Pine Stumpage	7,777 tons	$45,672.45
Timber Damage	78,529 board feet	$5,692.85
Totals	2,800,862 board feet, 14,503 tons	$1,292,284.65

The hardwood sawtimber stumpage sold for $1,197,086.66 or $444.93 per thousand board feet. With all products converted to board feet, the total harvest for Fiscal Year 2002 is 6,171.235 MBF. The total value of timber removed is, therefore, $209.40 per board foot.

2003 Forest Management Activities

Acres	
24	Tree Planting
1,216	Timber Stand Improvement
3,858	Cruising
27,870	Damaged Area Cruising
1,594	Marking
4,606	Selective Harvesting
360	Clearcut Harvesting
32	Wildlife Openings
2,204	Timber Sales Closed/BMPs

FY 2003 Timber Sales

Hardwood Stumpage	2,070,330 board feet, 3,364 tons	$649,407.20
Ice Damaged Hardwood	2,525,941 board feet	$219,938.64
Hardwood Products	68,397 board feet	$94,193.60
Pine Stumpage	1,706 tons	$7,332.19
Timber Damage	748,346 board feet, 95 tons	$100,949.28
Totals	5,413,014 board feet, 5,165 tons	$1,071,742.91

The 4,596,271 board feet of hardwood stumpage and ice damage hardwood combined, sold for $862,617.84 or $187.68 per thousand board feet. (Excluding the ice damaged hardwood, the 2,070,330 board feet of hardwood stumpage sold for $313.67 per thousand board feet.) With all products converted to board feet, the total harvest for Fiscal Year 2003 is 6,543.115 MBF. The total value of timber removed is, therefore, $163.80 per board foot.

The value of timber management is that trees are a renewable resource. The value of forestry is that this renewable resource can be managed to enhance water and air quality, increase biodiversity of flora and fauna, and provide back country recreational opportunities, aesthetics, and products for a wood-dependent society.

LAW ENFORCEMENT

2002:

- Citations written for violations are as follows:

Forest Rules:	118
Drugs:	15
Alcohol:	14
Motor Vehicles:	176
Fire:	60
Miscellaneous:	21
TOTAL	404

- 298 Court Visitations completed
- 6,229 Visitor Assists
- Citations Issued
- The handling of evidence received considerable attention this year. Each District established an evidence room that meets acceptable standards.
- Training
  1. January 2002: Annual In-Service at OPOTA. Topics included legal update and weapons handling
  2. May 2002: Annual weapons requalifications

2003:

- Citations written for violations are as follows:

State Forests:	220
Escaped Fire:	39
TOTAL	259

- 6,988 Visitor Assists
- Friendly Warnings: 624
- Investigations/Incidents:

Fire:	256
Other:	106
Court Visitations:	218

- Training
  1. September 2002 One-Day In-Service
     - Haz-Mat Update
     - Terrorism Overview
     - Policy Review
  2. October 2002: Outdoor scenario and night shooting with Districts 4, 5, and 6 in Pike County.
  3. October 2002: Scenario training with Districts 3 and 4 at Mohican State Forest.

The Districts schedule their own training dates to update CPR and First Aid certifications for all officers. Officers also have the opportunity to attend any class of their choice during the year at the Ohio Peace Officer Training Academy in London, Ohio.

OTHER ISSUES

New bullet proof vests were purchased for each officer through a federal grant in December, 2002.

The top law enforcement issue facing the State Forests is illegal ATV use. Special projects were organized and conducted in each District during the year to address this situation.

2002 Expenditures by Program

	Personnel	Maintenance & Equipment	Program Total
State Forest Management			
Forest Operations	2,435,056	952,459	3,387,515
Education & Information	105,922	4,473	110,395
Fire Protection	574,183	137,049	711,232
Resource Management	490,522	46,781	537,303
Law Enforcement	689,471	72,074	761,545
Recreation	181,664	10,205	191,869
Subtotal	**4,476,818**	**1,223,041**	**5,699,859**
Reforestation			
Nursery Operations	1,093,085	391,182	1,484,267
Northwest Windbreaks	39,122	3,442	42,564
Subtotal	**1,132,207**	**394,624**	**1,526,831**
Forestry Assistance			
Service Forestry	1,494,572	95,993	1,590,565
Urban Forestry	367,022	136,678	503,700
Forest Health	122,356	3,485	125,841
Forest Industries	51,120	2,036	53,156
Subtotal	**2,035,070**	**238,192**	**2,273,262**
Administration			
Administration	860,930	285,780	1,146,710
Information & Education	77,195	8,640	85,835
Computer & Communication	119,221	165,453	284,674
Central Support	0	757,245	757,245
Early Retirement Incentive	0	409,332	409,332
Subtotal	**1,057,346**	**1,626,450**	**2,683,796**
Program Totals	**8,701,441**	**3,482,307**	**12,183,748**
Subsidy & Other Payments			
Local Grant Awards			215,063
Fire Dept. Payments & Grants			209,389
Stumpage/Royalty Payments			1,489,899
Other Payments Total			**1,914,351**
Grand Total			**14,098,099**

2002 Breakdown by Revenue Source Code and Funds

Code	Definition	GRF	509	328	510	5K1	R17	R43	000	508	4M7	4B8	Total
297200	Witness & Jury	37.00											37.00
300200	Scrap & Salvage		31,991.77										31,991.77
302201	Fuelwood Permit		900.00										900.00
302203	Nursery Seeds												0.00
302204	Reforestation		1,141,488.35										1,141,488.35
302205	Hardwood Sawtimber Stumpage	327,949.39						1,197,086.66					1,525,036.05
302206	Hardwood Cordwood Stumpage	2,303.40						13,415.44					15,718.84
302207	Hardwood Product		9,317.73										9,317.73
302208	Pine Sawtimber Stumpage	14,080.00						9,011.52					23,091.52
302209	Pine Cordwood Stumpage	12,107.69						36,660.93					48,768.62
302210	Pine Product												0.00
302211	Windbreak		97,440.25										97,440.25
305100	Publications		83.00										83.00
399601	Woodchips & Buckeyes		779.00										779.00
399615	Miscellaneous Income		3,241.05										3,241.05
399623	Sales/Forest Tax Law Program		4,200.00										4,200.00
401000	Federal Weeks Fund			1,465,790.05									1,465,790.05
4499	Federal Various Other			66,060.00									66,060.00
495200	Donations		54,315.44										54,315.44
495200	Forestry Development Fund (4B8)												0.00
501501	Forestry Fines	6,084.50	8,154.00										14,238.50
501514	Drug Fines	250.00											250.00
502601	Royalties		5,692.85										5,692.85
502602	Easements, Row		2,001.00										2,001.00
502901	Rental-Land, House & Office		119,607.52										119,607.52
502902	Residence Rental (Payroll Deduction)				17,772.68								17,772.68
531100	Insurance Reimbursement Damage		1,308.65										1,308.65
531801	Timber Damage	4,834.88						21,141.52					25,976.40
531802	Fire Suppression												0.00
531805	Non-Govt Damage-Mitigation		46,705.35			420,348.30							467,053.65
531903	Services Rendered		4,474.79	259,132.09									263,606.88
531908	Patronage Reimbursement		2,229.50										2,229.50
531910	Reimbursement-Copier Usage		13.60										13.60
534900	Leave Buy Back (Reimbursement)	7,462.72											7,462.72
598203	Performance Bonds						19,500.00						19,500.00
599100	Revenue Forfeiture Bond		2,200.00										2,200.00
599402	Telephone Concessions												0.00
599900	Rev Various Other Nec		4,867.66	726.00									5,593.66
700500	Sale of Land & Buildings												0.00
799100	Petty Cash Closeouts		1,500.00										1,500.00
100200	Sales Tax												0.00
800100	Refund of Expenditures (Current)												0.00
800300	Warrant Cancellations			450.00							875.00		1,325.00
801100	Refund of Expenditures (Previous)	47.11	7,518.86										7,565.97
		375,156.69	**1,550,030.37**	**1,792,158.14**	**17,772.68**	**420,348.30**	**19,500.00**	**1,277,316.07**	**0.00**	**0.00**	**875.00**	**0.00**	**5,453,157.5**
													5,453,157.25

2003 Expenditures by Program

	Personnel	Maintenance & Equipment	Program Total
State Forest Management			
Forest Operations	2,256,128	550,822	2,806,950
Education & Information	68,165	5,278	73,443
Fire Protection	565,104	265,999	831,103
Resource Management	550,448	34,708	585,156
Law Enforcement	682,621	110,991	793,612
Recreation	143,794	9,436	153,230
Subtotal	**4,266,260**	**977,234**	**5,243,494**
Reforestation			
Nursery Operations	726,680	235,032	961,712
Northwest Windbreaks	32,093	14,573	46,666
Subtotal	**758,773**	**249,605**	**1,008,378**
Forestry Assistance			
Service Forestry	1,385,382	118,734	1,504,116
Urban Forestry	357,622	376,915	734,537
Forest Health	128,774	3,460	132,234
Forest Industries	58,564	3,640	62,204
Subtotal	**1,930,342**	**502,749**	**2,433,091**
Administration			
Administration	584,339	240,834	825,173
Information & Education	154,456	13,748	168,204
Computer & Communication	0	294,885	294,885
Central Support	0	763,166	763,166
Early Retirement Incentive	0	661,890	661,890
Subtotal	**738,795**	**1,974,523**	**2,713,318**
Program Totals	**7,694,170**	**3,704,111**	**11,398,281**
Subsidy & Other Payments			
Local Grant Awards			523,798
Fire Dept. Payments & Grants			259,946
Stumpage/Royalty Payments			1,033,298
Other Payments Total			**1,817,042**
Grand Total			**13,215,323**

2003 Breakdown by Revenue Source Code and Funds

Code	Definition	GRF	509	328	510	5K1	R17	R43	000	508	4M7	4B8	Total
297200	Witness & Jury	40.00											40.00
300200	Scrap & Salvage		173,114.00										173,114.00
302201	Fuelwood Permit		540.90										540.90
302203	Nursery Seeds												0.00
302204	Reforestation		917,369.93										917,369.93
302205	Hardwood Sawtimber Stumpage							880,259.37					880,259.37
302206	Hardwood Cordwood Stumpage							11,248.25					11,248.25
302207	Hardwood Product		94,193.60										94,193.60
302208	Pine Sawtimber Stumpage							11,783.58					11,783.58
302209	Pine Cordwood Stumpage							7,158.50					7,158.50
302210	Pine Product												0.00
302211	Windbreak		109,830.25										109,830.25
302215	Ice Storm Damaged Timber		44,003.19					175,935.45					219,938.64
305100	Publications												0.00
399601	Woodchips & Buckeyes		769.50										769.50
399615	Miscellaneous Income												0.00
399623	Sales/Forest Tax Law Program		6,550.00										6,550.00
401000	Federal Weeks Fund			1,075,290.00									1,075,290.00
4499	Federal Various Other			18,540.43									18,540.43
495200	Donations		25,684.75										25,684.75
495200	Forestry Development Fund (4B8)												0.00
501501	Forestry Fines	4,067.00	5,687.00										9,754.00
501514	Drug Fines	125.00	623.50										748.50
502601	Royalties		6,917.19										6,917.19
502602	Easements, Row		12,000.00										12,000.00
502901	Rental-Land, House & Office		86,932.84										86,932.84
502902	Residence Rental (Payroll Deduction)				22,461.70								22,461.70
531100	Insurance Reimbursement Damage												0.00
531801	Timber Damage							105,177.58					105,177.58
531802	Fire Suppression												0.00
531805	Non-Govt Damage-Mitigation		41,983.60			377,852.23							419,835.83
531903	Services Rendered		1,546.74	370,932.97									372,479.71
531908	Patronage Reimbursement		1,378.18										1,378.18
531910	Reimbursement-Copier Usage												0.00
534900	Leave Buy Back (Reimbursement)	1,890.08											1,890.08
598203	Performance Bonds						39,800.00						39,800.00
599100	Revenue Forfeiture Bond												0.00
599402	Telephone Concessions												0.00
599900	Rev Various Other Nec		3,805.26	206.23									4,011.49
700500	Sale of Land & Buildings		4,000.00										4,000.00
799100	Petty Cash Closeouts												0.00
100200	Sales Tax												0.00
800100	Refund of Expenditures (Current)	18,970.74	13,586.86										32,557.60
800300	Warrant Cancellations		326.07	5,095.13							490.00		5,911.20
801100	Refund of Expenditures (Previous)		892.59										892.59
		25,092.82	**1,551,735.95**	**1,470,064.76**	**22,461.70**	**377,852.23**	**39,800.00**	**1,191,562.73**	**0.00**	**0.00**	**490.00**	**0.00**	**4,679,060.19**

4,679,060.19

Annual Stumpage Payment Made in State Fiscal Year 2003 for Revenue Collected in Fiscal Year 2002

Formula used 20 TWP, 20 CTY, 40 SC
(HB215 language change for schools)

County	Township	School Dist	Percent of Total Amt Collected: 20% County FY02 Stumpage	20% TWP FY02 Stumpage	40% School FY02 Stumpage
Adams	Green	Ohio Valley	27,905.35	27,905.35	55,810.70
Ashland	Hanover	Loudon-Perrysv	869.12	869.12	1,738.24
Athens	Waterloo	Alexander	10,280.00	10,080.00	20,160.00
	York	Athens		200.00	400.00
Highland	Brushcreek	Ohio Valley	13,355.20	13,355.20	26,710.40
Hocking	Laurel	Logan Hocking	4,080.00	4,080.00	8,160.00
Lawrence	Decatur	Rock Hill	4,527.76	4,527.76	9,055.51
Lucas	Swanton	Anthony Wayne	6,125.59	6,125.59	12,251.17
Meigs	Olive	Eastern	756.21	756.21	1,512.41
Muskingum	Blue Rock	Franklin Local	3,877.85	3,096.45	6,192.90
	Saltcreek	Franklin Local		781.40	1,562.80
Pike	Benton	Western Local	442.80	442.80	885.60
Ross	Franklin	Scioto Valley	99,705.91	31,791.04	63,582.08
	Harrison	Scioto Valley		448.33	896.66
	Colerain	Zane-Trace		67,466.54	134,933.08
Scioto	Brush Creek	Northwest	34,447.29	31.70	63.40
	Nile	Washington-Nile		34,415.59	68,831.17
Vinton	Brown	Vinton	52,092.26	21,023.45	42,046.90
	Madison	Vinton		30,868.81	61,737.62
	Swan	Vinton		200.00	400.00
			258,465.34	**258,465.34**	**516,930.64**

Annual Stumpage Payment Made in State Fiscal Year 2004 for Revenue Collected in Fiscal Year 2003

Formula used 20 TWP, 20 CTY, 40 SC
(HB215 language change for schools)

County	Township	School Dist	Percent of Total Amt Collected: 20% County FY03 Stumpage	20% TWP FY03 Stumpage	40% School FY03 Stumpage
Adams	Green	Ohio Valley	22,899.85	22,899.85	45,799.70
Ashland	Hanover	Loudon-Perrysv	163.85	163.85	327.71
Athens	Waterloo	Alexander	26,640.31	11,921.51	23,843.02
	York	Athens		14,718.80	29,437.60
Fulton	Swan Creek	Pike-Delta-York	1,052.42	526.21	1,052.42
		Swanton		526.21	1,052.42
Highland	Brushcreek	Ohio Valley	3,476.56	3,476.56	6,953.12
Hocking	Benton	Logan Hocking	4,290.37	3,053.00	6,106.00
	Laurel	Logan Hocking		1,237.37	2,474.73
Jackson	Washington	Wellston	3,327.80	3,327.80	6,655.60
Lawrence	Decatur	Rock Hill	14,359.91	14,359.91	28,719.82
Lucas	Swanton	Anthony Wayne	521.81	521.81	1,043.62
Meigs	Olive	Eastern	742.96	742.96	1,485.92
Pike	Benton	Western Local	14,667.59	5,268.00	10,536.00
	Perry	Western Local		9,399.59	18,799.18
Ross	Franklin	Scioto Valley	76,235.76	15,761.69	31,523.38
	Harrison	Scioto Valley		60,455.17	120,910.34
	Colerain	Zane-Trace		18.90	37.80
Scioto	Brush Creek	Northwest	60,353.36	1,552.23	3,104.44
	Nile	Washington-Nile		49,930.29	99,860.58
	Rarden	Northwest		200.00	400.00
	Union	Northwest		8,670.84	17,341.66
Vinton	Brown	Vinton	33,059.20	200.00	400.00
	Madison	Vinton		11,182.88	22,365.76
	Richland	Vinton		200.00	400.00
	Swan	Vinton		21,476.32	42,952.64
			261,791.75	**261,791.75**	**523,583.46**