

Kirtland's Warbler Habitat Improvement Program

Hiawatha National Forest

Activity	Description	Accomplishment	Unit Cost	Direct Cost	Indirect Costs (30%)	Program Cost
Silviculture Examination		670 acres year	\$4 acre	\$2,680	\$804	\$3,484
NEPA Documentation		670 acres year	\$100 acre	\$67,000	\$20,100	\$87,100
Sale Preparation/Administration		670 acres year	\$100 acre	\$67,000	\$20,100	\$87,100
Reforestation		670 acres year	\$200 acre	\$134,000	\$40,200	\$174,200
Stocking Surveys/Certification		670 acres year	\$10 acre	\$6,700	\$2,010	\$8,710
Annual Census		10,000 acres year	\$1 acre	\$10,000	\$3,000	\$13,000
Volunteer Contributions						
Kirtland's Warbler Program Management and Coordination				\$8,000	\$2,400	\$10,400
Information and Education Efforts		Yearlong		\$1,000	\$333	\$1,333
TOTAL				\$296,380	\$88,947	\$385,327

Huron-Manistee National Forests

Activity	Description	Accomplishment	Unit Cost	Direct Cost	Indirect Costs (30%)	Program Cost
Silviculture Examination		1100-1600 acres year	\$3-4 acre	\$3,300 \$6,400	\$1,100 \$1,900	\$4,300 \$7,300
NEPA Documentation		1100-1600 acres year	\$350 acre	\$385,000 \$560,000	\$115,000 \$168,000	\$500,000 \$728,000
Sale Preparation/Administration		1100-1600 acres year	\$350 acre	\$385,000 \$560,000	\$115,000 \$168,000	\$500,000 \$728,000
Reforestation		1100-1600 acres year	\$350 acre	\$385,000 \$560,000	\$115,000 \$168,000	\$500,000 \$728,000
Stocking Surveys/Certification		1100-1600 acres year	\$10 acre	\$11,000 \$16,000	\$3,300 \$4,800	\$14,300 \$20,800
Annual Census		16,000-24,000 acres year		\$25,000	\$7,500	\$32,500
Volunteer Contributions						
Kirtland's Warbler Program Management and Coordination				\$20,000	\$6,000	\$26,000
Kirtland's Warbler Tours		May & June		\$5,000	\$1,500	\$6,500
Information and Education Efforts		Yearlong		\$4,000	\$1,200	\$6,200
				\$1,223,300 \$1,756,400		\$1,589,800- \$2,283,300

Michigan Department of Natural Resources

Activity	Description	Accomplishment	Unit Cost	Direct Cost	Indirect Costs (25%)	Program Cost
Silviculture Examination		2000 acres year	\$7.50 ac	\$15,000	\$3,750	\$18,750
NEPA Documentation		acres year	NA	NA	NA	NA
Sale Preparation Administration		2000 acres year	\$60.00 ac	\$120,000	\$30,000	\$150,000
Reforestation		1500 acres year	\$170 ac	\$255,000	\$63,750	\$318,750
Stocking Surveys Certification		1500 acres year	\$7.00 plot	\$5,250	\$1,300	\$6,550
Annual Census		18,000 22,000 acres year		\$22,000	\$5,500	\$27,500
Volunteer Contributions						
Kirtland's Warbler Program Management and Coordination				\$30,000 (includes recent habitat planning effort)	\$7,500	\$37,500
Information and Education		Yearlong		\$1,000	\$250	\$1,250
Total				\$448,250	\$112,050	\$560,300

USDI Fish and Wildlife Service

Activity	Description	Accomplishment	Unit Cost	Direct Cost	Indirect Costs	Program Cost
Silviculture Examination	Part of sale preparation	231 acres year	-	-	NA	-
NEPA Documentation	Part of sale preparation	231 acres year	-	-	NA	-
Sale Preparation/Administration		231 acres year	\$57.00 ac	\$13,116	NA	\$13,116
Reforestation	Grant to MDNR in FY2000	163 acres year	\$28.00 ac	\$4,500	NA	\$4,500
Stocking Surveys Certification	1-3 grant to Ohio State Univ.	1,143 acres year	\$0.88 ac	\$1,000	NA	\$1,000
Annual Census		5,000 acres year	\$1.11 ac	\$5,556	NA	\$5,556
Volunteer Contributions		100 hours	-	-	NA	
Kirtland's Warbler Program Management and Coordination	Meetings, etc.			\$5,556	NA	\$5,556
Kirtland's Warbler Tours	See ES Office	See ES Office	See ES Office	See ES Office	See ES Office	See ES Office
Information and Education Efforts	2-3 grant to Ohio State Univ.	Yearlong	\$1.75 ac	\$2,000	NA	\$1,000
Cowbird Trapping	See ES Office	See ES Office	See ES Office	See ES Office	See ES Office	See ES Office
Total				\$31,728	NA	\$31,728