



Guam



Guam Forest Resource Fact Sheet - 2005

Investment in Guam's Cooperative Programs (Outyear Budget Figures are Estimates):

	FY 2004	FY 2004	FY 2005	FY 2005
	Federal	State	Federal	State
Forest Health Protection	30,000	30,000	39,000	30,000
Cooperative Fire Protection - State Assistance	259,000	129,068	259,000	103,000
Cooperative Fire Protection - Volunteer Assistance	-0-	-0-	-0-	-0-
Forest Stewardship Program	90,000	71,200	93,000	72,000
Natural Resource Conservation Education	8,000*	8,000	9,000	9,000
Urban and Community Forestry	175,000	75,009	175,000	80,000

The cooperative programs are administered and implemented through a partnership between the Territory of Guam, the USDA Forest Service and many other private and government entities. These programs promote the health and productivity of Guam's forest lands and rural economies. Emphasis focuses on timber and other forest products, wildlife, water resources, rural economies and conservation practices. The goal is to maintain and improve the health of Guam's urban and rural forests and related economies. These programs:

- ◆ **Reduce costs** through the use of partnerships,
- ◆ **Increase values** through sustained productivity of forests, and
- ◆ **Are voluntary**, and use non-regulatory approaches.

Key issues:

Key issues which State and federal programs will address together in the next few years include:

- ◆ Wildland/Urban Interface Management and associated Water Quality problems
- ◆ Forest Health Concerns related to coconut tinangaja disease and water capacity
- ◆ Rapid urbanization and subdivision development due to Chamorro Land Trust Act
- ◆ Water quality, priority watershed area rehabilitation, and Clean Water Act

Forest Facts and 2000 Accomplishments

SELECTED FACTS		SELECTED RESULTS	
Population	150,000	Stewardship Plans Prepared (current year)	2
Acres of Forest Land	51,098	Area Under Stewardship Plans (current year)	300
Acres of Non-Industrial Private Forest Land	28,771	Acres Under Stewardship Plans (all years)	3,000
Number of NIPF Landowners	51	Rural Acres Planted	100
Acres of Federal Land Under State Fire Protection	1,000	Technical Assists to Private Landowners	50
Acres of Private Land Under State Fire Protection	81,000	Rural Fire Departments Assisted	4
Number Rural Fire Departments	4	Rural Fire Department Volunteers Trained	0
Number of Cities and Towns	20	Acres Surveyed for Forest Health	1,000
Forest Based Employment	0	Forest Health Assistance Visits	1
Forest Based Earnings	0	Cities and Urban Areas Assisted	15
Economic Impact of Forestry (by rank)	N/A	Economic Action Grants to Rural Areas	0
State Forestry Budget	785,211	Technology transfer and Workshops	12

Program Highlights:

Urban and Community Forestry:

Guam Arbor Day Celebration Second Tuesday of October.

Masso River Community Project (12 acres planted)

10 schools participated in tree planting projects

8 communities participated in tree planting projects

Anderson Air Force Base Tree City USA recertification, Tamuning & Hagatna certified Tree City USA Dededo, Liguán Terrace Community green belt buffering along Route 1 and tree planting in Medians on Harmon Loop Road and in Route 1 Dededo in front of Micronesian Mall.

Conducted International Society of Arboriculture Certification Training and have 7 certified arborists on Guam.

Urban Forestry Demonstration Project and storm water run-off project in Ypao & Matapang Beach Parks in Tumon.

Urban Forester and Chief Forester members of Guam Visitors Bureau Village Beautification Committee

Cooperative Fire Protection:

Conducted prescribed burning in identified urban interface areas, acquired 8 model 43 fire engines for Guam Fire Department for use in wildland fire. Prepped 10 acres for tree planting activities as green belt in urban interface. Conducted fire training for Guam Fire Department and Federal Fire Department.

Forest Stewardship:

Clean Water Action Plan - Ugum Watershed.

The land is classified as category one watershed under the Clean Water Action Plan. The intent of the project is to reforest the entire watershed with several thousand leguminous acacia auriculiformis trees species that will eventually solve the erosion problem that causes sedimentation problems at the water treatment plant. The Ugum Watershed Committee have produced a five year strategic plan for the watershed and has identified another tract in the watershed for planting that will be marked for the next clean water action project for fiscal year 2002. Two landowners have signed up in 2002 and 75 acres of grasslands and badlands have been planted with 75,000 acacia auriculiformis seedlings.

Re-establishment of the Guam Water Planning Committee.

Forest Health Protection:

Completed the Forest Inventory for the island which included the detection of tree damage i.e., vines, pests. Will use established FIA plots as monitoring points around the island.

Inspected established observation areas around the island on a monthly basis. Periodically report insect and disease condition to the office of Cooperative Extension Service, University of Guam for information, record purposes and appropriate action.

Identified Asian Scale Infestation and carried out an eradication project in 2004. \$10,000 emergency funding from Governor to help in this project.

Natural Resource Conservation Education:

Produced and printed 3,000 posters on watersheds of Guam. Conducted ISA Arborist and Tree Worker Certification workshop for the Pacific Islands.

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