



Guam



State and Private Forestry Fact Sheet

Investment in State's Cooperative Programs:

	FY 2004 Final	FY 2004 Final	FY 2005 Estimate	FY 2005 Estimate
	Federal	State	Federal	State
Forest Health Protection	\$30,000	\$31,106	\$30,000	\$30,000
Cooperative Fire Protection - State Assistance	\$265,000	\$229,068	\$210,000	\$173,243
Cooperative Fire Protection - Volunteer Assistance	-	-	-	-
Forest Stewardship Program	\$90,000	\$71,200	\$100,000	\$68,000
Natural Resource Conservation Education	\$10,000*	\$10,000	\$7,500*	\$10,000
Urban and Community Forestry	\$180,000	\$228,009	\$169,000	\$101,667

* In addition to the amount shown, the six Pacific Island entities shared an allocation of \$21,000. Actual projects funded are selected by the Pacific Islands Committee. FY2 005 projected allocation is \$45,000

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 native forest restoration, invasive species, pests and water capacity
- Rapid urbanization and subdivision development due to Chamorro Land Trust Act and population growth.
- Water quality, priority watershed area rehabilitation, coral reef protection from sediment & urban run-off and Clean Water Act

Forest Facts and 2005 Accomplishments

SELECTED FACTS		SELECTED RESULTS	
Population	150,000	Stewardship Plans Prepared (current year)	4
Acres of Forest Land	63,833	Area Under Stewardship Plans (current year)	200
Acres of Non-Industrial Private Forest Land	28,771	Acres Under Stewardship Plans (all years)	4,000
Number of NIPF Landowners	30,000	Rural Acres Planted	300
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	30
Number of Cities and Towns	20	Acres Surveyed for Forest Health	10,000
Forest Based Employment	0	Forest Health Assistance Visits	5
Forest Based Earnings	0	Cities and Urban Areas Assisted	19
Economic Impact of Forestry (by rank)	N/A	Economic Action Grants to Rural Areas	0
State Forestry Budget	\$899,410	Technology transfer and Workshops	10

Program Highlights:

Urban and Community Forestry

- 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.
- Dededo, Ligan Terrace Community green belt buffering along Route 1.
- Urban Forester and Chief Forester members of Guam Visitors Bureau Village Beautification Committee.
- Run-off mitigation project in Tumon Ypao and Matapang Beach Parks to mitigate run-off into marine preserves.
- Arbor Day celebration in Ypao Beach Park with First Lady in Chief Quipuha Park in October 2004.
- Tamuning awarded Tree City USA recognition for 2004.
- Conducted ISA Arborist and Tree Worker Certification Workshop for Guam. 6 arborist and 2 tree workers certified in 2004.
- Paseo Park tree planting 50 *callophyllums* planted.

Cooperative Fire Protection

Conducted prescribed burning in identified urban interface areas, acquired 8 model 42's for use in wildland fire. Planted 10 acres for green belt in urban interface in Santa Rita Village. 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 2005. With two landowners who have signed up since 2002 more than 200 acres of grasslands and badlands have been planted with 175,000 *Acacia auriculiformis* seedlings.

Fouha Bay Watershed Restoration

Fifteen acre demonstration plot is being afforested as part of a multi-agency project to restore the Fouha Bay watershed in an effort to protect coral reef reproduction in bay and decrease sedimentation onto the reef..

Forest Health Protection

- Completed the Forest Inventory for the island which included the detection of tree damage i.e., vines, pests. Publication "Guam's Forest Resource 2002" circulated.
- 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 *Mimosa Invisa* and carried out an eradication project in 2001.
- Identified *Chromolaena* (Siam Weed) carried out biological control in 2003.
- Identified Asian Scale and funded mapping and pesticide control in 2005.
- 5 acres native forest restoration project in Cotal Conservation Reserve in 2005.

Natural Resource Conservation Education

- Produced and printed 3,000 posters on watersheds of Guam.
- Produced and broadcast 3 television and 3 radio PSA in 2004.
- Produced three 30 second fire public service announcements for use in movie theaters.
- Produced and printed 3,000 posters on wildland arson.

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