

COOPERATIVE FOREST HEALTH PROGRAM

Program Narrative Federal Fiscal Year ____

Part I Cooperative Forest Health Program (Base Program)

Federal Role

The Cooperative Forest Health Program was authorized by the Cooperative Forestry Assistance Act of 1978 (PL 95-313) and amended by the 1990 Farm Bill (PL 101-624). The Cooperative Forest Health Program assists states in conducting forest health management activities on non-federal forest lands to achieve healthy sustainable forests.

The Cooperative Forest Health Program provides states with federal funds to detect, monitor, and evaluate forest health conditions on State and private lands. These federal funds enable states to collect forest health data in a standardized manner so that this data is compatible with data from other states in the region. The standardization and compatibility ensures that the information collected by the states and given to the Forest Service is valid for regional reporting.

The goal of the Cooperative Forest Health Program in _____ *state* _____ is to:
(example) protect the state's timberland, urban forest, and non-commercial forest resources from significant loss of economic, ecological, or aesthetic value due to insects, diseases, other stressors, and unknown causes.

To these ends, the objectives of the _____ *name of state Forest Health Unit* _____ are to:

- (example) Identify destructive agents, and evaluate their potential to cause damage or loss.
- (example) Manage forest pests through integrated methods, supplemented by direct control when necessary to prevent imminent damage.
- (example): Provide information about forest health protection.

The forested acreage of the state is approximately _____, and the forestry industry generates an annual income of approximately _____. Therefore, the Cooperative Forest Health Program is an important part of _____ *State's* _____ forest resource program.

This program extends its services to all citizens of the state.

Description

Grantee should describe how the Forest Health Unit is organized and staffed and how the program is delivered to citizens of the state.

Note: If the Cooperative Forest Health Program is implemented through subagreements with other entities, such as universities or other state agencies, it is necessary for the grantee to provide a copy of said agreement with that entity. The agreement should spell out in detail the specific targets and activities that will be performed, reports required and due dates for information. The appropriate NA Forest Health Protection field office should be aware of or involved in developing the contents of that agreement.

Program Targets for FY ____ (Methodology/Timetable)

Detection, Identification, and Evaluation of Damage-Causing Agents

Federal funds will be used to: detect, identify, and evaluate: population trends of pests known to cause serious damage; the impact of biotic or abiotic agents; and the cause of health problems on tree species or sites of concern.

Detection, identification and evaluation activities to be conducted include:

- *(example) Determine cause of red pine mortality in state plantations.*
- *(example) Survey for new Scleroderis infestations to meet state quarantine requirements.*
- _____
- _____
- _____
- _____

Management of Forest Pests

The following pest management activities will be conducted:

- *(example) Assist state university with pear thrips biocontrol activities.*
- *(example) Conduct releases of Pseudoscymnus tsugae to control hemlock woolly adelgid.*
- _____

Providing Forest Health Information

The following information activities will be conducted:

- 1) Provide Accomplishment and Expenditure Report (FS3400-5) for Federal FY ____ to the NA _____ Field Office by October 15th of each year.
- 2) Provide information to the US Forest Service and other states through attendance at regional Forest Health Cooperators meeting.
- 3) Provide Forest Health Highlights draft to the NA _____ Field Office by January 15th of each year.

Other information activities include:

- _____
- _____
- _____
- _____
- _____
- _____

BUDGET (Reported on SF-424A)

The State of _____ *state's* _____ Federal Cooperative Forest Health Protection Program allocation for FY ____ is \$ _____. An additional \$ _____ has been placed in _____ *state's* _____ common services account. The Federal allocation of \$ _____ will be matched with \$ _____ in state funds.

Part II
Forest Health Monitoring
Off-Plot Program

The Forest Health Monitoring (FHM) Off-Plot Program supplements plot-collected forest health data with landscape level data on forest stressors such as insects and disease. This program promotes survey standardization among states, enhanced surveys of specific health problems, and regional forest health reports and maps for healthy sustainable forests.

Program Targets for FY _____ (Methodology/Timetable)

Federal funds will be used to enhance aerial and ground surveys and survey procedures in support of the National FHM Program. National Off-Plot Standards will be used in conducting and reporting aerial surveys. These include:

- Incorporation of standard mapping classifications for damage, map preparation, delineation of polygons; and
- Use of specific polygon attributes, causal organism, damage type, degree of defoliation, intensity, pattern, forest type, and host species.

Only standard polygon attribute listings will used when maps are submitted.

FHM Off-Plot Activities will include:

- 1) Approximately _____ acres of forested land will be surveyed for damage using national aerial survey standards. Maps used will be either 1:100,000 or 1:50,000 scale. All areas with defoliation, discoloration, dieback and decline, breakage, and mortality above thresholds will be delineated. In addition all other areas that are detected will be mapped and, where possible, identified by damaging agent. Damages will be verified by ground surveys. No fly (survey) areas should be indicated.
- 2) Hard copy or digital aerial survey maps and insect and disease narratives will be provided to the NA _____ Field Office by December 15th of each year.
- 3) A representative of the State's Forest Health Program will attend the National Forest Health Monitoring working group meeting to report on results of Off-Plot surveys.

Other FHM Off-Plot activities to be conducted include:

- _____
- _____
- _____

BUDGET (Reported on SF-424A)

- The State of _____ Federal Forest Health Monitoring Off-Plot Program allocation for FY _____ is \$ _____. The Federal allocation of \$ _____ will be matched with \$ _____ in state funds.