



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
WASHINGTON, D.C. 20245

Master

IN REPLY REFER TO:

Forestry
Code 232

53 BIAM Supplement 6, Release 2

December 2, 1987

Memorandum

To: Holders of 53 BIAM

From: Deputy to the Assistant Secretary - Indian Affairs (Operations)

Subject: Forest Pest Management

This release updates 53 BIAM Supplement 6 to incorporate revised instructions on Forest Pest Management, including a new agreement between the Department of Agriculture and the Department of the Interior dated March 28, 1983, the addition of the Department of the Interior Pesticide Use Policy, and the replacement of certain forms concerning project proposals and annual reporting requirements with a single Accomplishment/Expenditures Report. Also, the title of Supplement 6 has been changed to Forest Pest Management. Area addenda should be amended to reflect these revised instructions.

Deputy to the Assistant Secretary -
Indian Affairs (Operations)

Filing Instructions:

- (a) Remove superseded material:
- | | |
|---|-------------|
| 53 BIAM Supp. 6, Table of Contents, Release 1 (Dated 9/23/81) | (1 sheet) |
| 53 BIAM Supp. 6, 1.1 - 2.5 | (4 sheets) |
| Illustrations, 1 - 8 | (15 sheets) |
- (b) Insert new material transmitted:
- | | |
|--|------------|
| 53 BIAM Supp. 6, Table of Contents, Rel. 2 (Dated 12/2/87) | (1 sheet) |
| 53 BIAM Supp. 6, 1.1 - 2.6 Release 2 (Dated 12/2/87) | (4 sheets) |
| Illustrations, 2 - 6 Release 2 (Dated 12/2/87) | (7 sheets) |
- (c) Pen-and-ink changes:
None

FOREST PEST MANAGEMENT
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Other Agency Directives Which Apply

Forest Service Manual, Washington, Title 3400, Forest Pest Management

FOREST PEST MANAGEMENT
General

1. GENERAL

1.1 Policy and Scope. The policy of the Bureau regarding forest pest management on Indian forest lands is generally expressed in 25 CFR 163.3 and more explicitly addressed in 53 BIAM 6.1. The scope, as expressed in 25 CFR 163.2, is "applicable to all Indian forest lands except as this part may be superseded by special legislation."

The Assistant Secretary, Land and Minerals Management, through the Bureau of Land Management, is responsible for coordination of the forest pest management program within the Department. The Assistant Secretary maintains necessary liaison with the Washington Office of the Forest Service concerning all aspects of the program, including the annual presentation of a summary of project proposals covering the entire Department and the reporting of accomplishments on lands administered by the Department of the Interior.

1.2 Objective. The principal objective of forest pest management is to reduce damage and loss caused by insects and diseases on all Indian forest lands to levels commensurate with forest resource and other values involved. The objectives are set forth in 25 CFR 163.3 for the management of Indian forests, including effective protection from destructive forest agents.

1.3 Authority. The basic statutory authorities for forest pest management are: The Protection Act of September 20, 1922 (42 Stat. 857; 16 U.S.C. 594), and the Act of July 1, 1978 (92 Stat. 365; 16 U.S.C. 2101), otherwise cited as the "Cooperative Forestry Assistance Act of 1978" (see Illustration 1). Reference 53 BIAM 1.2A and 6.2, and 53 BIAM Supplement 1, Section 1.2.

Section 5 of the Cooperative Forestry Assistance Act of 1978 (Public Law 95-313) authorizes the Secretary of Agriculture to protect trees and forests, and wood products, stored wood, and wood in use from insects and diseases. This is done directly on National Forest System lands, and in cooperation with other Federal land managing agencies, States, and private owners on other forest lands. The Secretary of Agriculture has delegated the responsibility for carrying out the provisions of the Act to the Forest Service.

The Agreement of March 28, 1983, between the Departments of Agriculture and Interior provides for funding and technical assistance through the Forest Service for approved pest and disease control activities (see Illustration 2).

1.4 Responsibility. The Assistant Secretary - Indian Affairs, is responsible at the National level for coordinating Bureau of Indian Affairs efforts to secure funding, and for maintaining liaison with agencies of the Department and the Forest Service. The Assistant Secretary has delegated this responsibility to the Deputy to the Assistant Secretary - Indian Affairs (Trust and Economic Development).

FOREST PEST MANAGEMENT
General

A. Bureau of Indian Affairs. The Deputy to the Assistant Secretary - Indian Affairs (Trust and Economic Development) is responsible for:

(1) Maintaining liaison with other agencies of the Department and the Forest Service in matters dealing with National level forest insect and disease control activities, and the budgeting therefor.

(2) Notifying field units that technical assistance is available from the Forest Service, and the procedures by which it can be secured.

(3) Notifying field units that biological evaluations, economic analyses, and environmental analyses are required before forest insect and disease prevention or suppression projects can be considered for funding by the Forest Service.

(4) Consolidating and transmitting, through the Department to the Forest Service, Bureauwide proposals for prevention/suppression projects, and securing necessary funds for the implementation and conduct of such projects.

(5) Allocating funds to field units on the basis of approved projects by the Forest Service.

(6) Consolidating and transmitting to the Department, Bureauwide annual prevention/suppression project accomplishments on Forest Service or Department approved forms.

(7) Cooperating with other agencies in insect and disease control programs and projects of other ownerships that involve lands administered by the Department of the Interior.

B. Area Director. The Area Director is responsible for:

(1) Coordinating local agency operations with Regional forest pest management staff of the Forest Service in all stages of planning and counsel required in the control of forest insects and diseases.

(2) Providing assistance and guidance to field units in all aspects of forest insect and disease control activities from detection through post prevention/suppression operations.

(3) Consolidating and transmitting to the Central Office appropriately formatted Area-wide prevention/suppression project proposals to secure necessary funds for implementing and conducting such projects. Copies of project proposals are also to be submitted to appropriate Regional forest pest management staff of the Forest Service.

(4) Allocating funds to field units on the basis of approved projects.

FOREST PEST MANAGEMENT
General

(5) Consolidating and transmitting to the Central Office, Area-wide annual prevention/suppression project accomplishments on Forest Service or Department approved forms.

(6) Cooperating with other agencies in insect and disease control programs and projects of other ownerships that involve or affect lands administered by the Bureau of Indian Affairs.

C. Agency Superintendent. The Superintendent is the primary officer responsible for planning and implementation of forest pest management efforts on Indian lands under his/her respective jurisdiction. The Superintendent is responsible for:

(1) Facilitating detection surveys and entomological or pathological evaluations made by the Forest Service on Indian forest lands.

(2) Deciding for or against proposed control actions on the basis of:

(a) Tribal desires.

(b) Biological evidence and recommendations presented by the Forest Service.

(c) An evaluation of resources threatened or under attack within the context of management objectives.

(d) Thorough evaluation of possible adverse environmental effects of control tactic alternatives.

(e) An economic analysis of the proposed action.

(f) A forest stand pest risk evaluation (prevention projects only).

(3) Performing field surveillance and specialized detection surveys as necessary to supplement Forest Service efforts.

(4) Submitting detailed project proposals and supporting documentation to Area Offices to secure funding when it is decided to proceed with prevention/suppression action.

(5) Conducting prevention/suppression projects in accordance with approved methods and procedures.

(6) Submitting annual accomplishment reports to Area Offices on appropriate approved forms.

FOREST PEST MANAGEMENTGeneral

(7) Cooperating with other agencies in insect and disease control programs and projects of other ownerships that involve or affect lands administered by the Bureau of Indian Affairs.

FOREST PEST MANAGEMENT
Prevention/Suppression

2. PREVENTION/SUPPRESSION

2.1 General. Many opportunities exist whereby preventive measures can be implemented to reduce the hazard of insect or disease damage, including prevention by regulation, cultural or mechanical means, timing of forest activities, use of chemicals, and use of biological control agents. Forest Pest Management (FPM) funds are available for some preventive type activities. Forest managers should be able to identify opportunities where preventive measures can be implemented, and should make provisions for incorporating these measures in forest management plans.

Suppression of forest insects and diseases is undertaken only after thorough consideration of all feasible suppression alternatives, applicable biological, environmental, and economic data, and consultation with, and concurrence by, the Indian owners. Tribal participation in the decision making process is sought at such time as a potential epidemic situation is verified. Forest Pest Management funds are available for approved prevention/suppression activities.

The Bureau of Indian Affairs is committed to the concept of integrated pest management (IPM). As such, forest managers must be alert to situations where integration of silvicultural, mechanical, genetical, biological, and chemical prevention or suppression strategies can be used to achieve effective and environmentally acceptable insect and disease control. Forest managers shall incorporate IPM systems and strategies, as they are developed and evaluated, into forest management plans.

Application of chemical pesticides will only be considered after all other non-chemical alternatives have been analyzed and eliminated. All uses of chemicals on Indian forest lands will conform with Environmental Protection Agency (EPA) regulations and registration information, label directions, State pesticide laws, and Department of the Interior Pesticide Use Policy (517 DM 1, as revised July 14, 1981). (See Illustration 3).

2.2 Forest Service Manual, Washington. The Secretary of Agriculture has delegated all responsibilities for forest pest management programs on Federal and non-Federal lands to the Chief of the Forest Service. The Forest Service Manual, Washington, Title 3400, Forest Pest Management, outlines this responsibility in detail, and provides policies and guidelines for forest pest management on National Forest System lands, and on other Federal, State and private lands. It shall, therefore, be used as the Bureau's general guideline for the administration and conduct of its forest pest management program unless inapplicable to the Bureau forestry program, or as otherwise provided in the Departmental Manual, Part 611, Forest Pest Control Program, or herein. The complete Title 3400 comprises the following:

 FOREST PEST MANAGEMENT
 Prevention/Suppression

ZERO CODE	Authority, Objective, Policy, Responsibility, Definitions, and Handbooks
CHAPTER	
3410	Pest Detection
3420	Pest Management Evaluations
3430	Forest Pest Management Control Project Standards
3440	Special Pest Management Projects
3450	Pest Management Administration

Area Directors shall furnish field installations copies of the aforementioned Forest Service Manual, appropriate regional guidelines, and pertinent research materials, or issue instructions as to how they may be obtained. Additionally, necessary instructions and procedural guidelines for conducting forest pest and disease control activities at the Agency level will be provided through issuance of Area supplements.

2.3 Project Proposals. Requests for the allocation of control funds are made on form FS 3400-2, Forest Insect and Disease Management Project Proposal (see Illustration 4). Each proposed project must be supported by documentation showing that project selection criteria have been met, i.e., biological effectiveness, economic efficiency, and environmental acceptability. Supporting documents are described in the Forest Service Manual, Title 3400, Chapter 3420. The documentation format need not be precisely as required by the Forest Service, however, all pertinent points must be addressed.

By August 15 each year, Area Offices shall submit to the Central Office, in duplicate, project proposals for anticipated insect and disease control funding needs for the following year. All project proposals must be accompanied by the documentation cited above. If more than one proposal is submitted, they must be prioritized in descending order of importance beginning with number one.

2.4 Unanticipated Project Needs. Because insect and disease conditions can change rapidly, additional funding needs may be identified after Area project proposals have been submitted. In these instances, requests for increased funding for unanticipated project needs can be submitted to the Central Office at any time. Requests must be accompanied by appropriate documentation described in the Forest Service Manual, Title 3400, and herein.

FOREST PEST MANAGEMENT
Prevention/Suppression

2.5 Use of Forest Pest Management Funds. Funds which are allotted for approved forest pest management projects must be closely monitored to insure they are obligated and spent for the purpose intended.

2.6 Accomplishment and Expenditure Reports. By October 10 each year, Area Offices shall submit to the Central Office, in duplicate, accomplishment and expenditure reports for the fiscal year just passed. Department of the Interior form, Accomplishment/Expenditures Report, issued in 611 DM Chapter 2 under Release #2427 dated 8/3/82, must be prepared for each individual project completed during the year, and each individual project that remains incomplete regardless of the amount of work accomplished during the year (see Illustration 5). Form DI-45i, Forest Insect and Disease Control Pesticide Use Report, is required only where the use of pesticides was employed (see Illustration 6).

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(.03A4)

5800 - FOREST PROTECTION AND FOREST PEST MANAGEMENT

AGREEMENT

between the

UNITED STATES DEPARTMENT OF AGRICULTURE

and the

UNITED STATES DEPARTMENT OF THE INTERIOR

for the

→ CONDUCT OF FOREST INSECT AND DISEASE MANAGEMENT
ON LANDS ADMINISTERED BY
THE U.S. DEPARTMENT OF THE INTERIOR

Prevention and suppression of damaging forest insect and disease outbreaks are essential for maintaining the health and productivity of the Nation's forests. Annually, insects and diseases kill more trees and reduce forest growth more than all other destructive agents combined. This is a matter of great concern to the administrators responsible for managing and protecting forests on public and private lands.

Section 5 of the Cooperative Forestry Assistance Act of 1978 (Public Law 95-313) authorizes the Secretary of Agriculture to protect trees and forests, wood products, stored wood, and wood in use from insects and diseases. This is done directly on National Forest System lands, and in cooperation with other Federal land managing agencies, the States, and private owners on other forest lands. The Secretary of Agriculture has delegated the responsibility for carrying out the provisions of the Act to the Forest Service. To do this, annual appropriations are made based on estimated control costs developed by the Forest Service, the Department of the Interior, States, and other cooperating agencies.

Insect and disease outbreaks often encompass Federal, State, and private ownerships. For this reason, well coordinated prevention and suppression programs are necessary to achieve a variety of land management objectives. It is essential that the Departments of the Interior and Agriculture agree to cooperate fully to prevent and suppress damaging forest insect and disease outbreaks in order to meet resource management objectives and the intent of Public Law 95-313. Therefore, it is mutually agreed:

1. That the two Departments will, under the legal, fiscal, and other limitations governing each, cooperate fully in the planning, coordination, and execution of field operations to prevent and suppress damaging forest insect and disease outbreaks wherever it is determined to be necessary.
 2. That the guiding principles of this cooperation shall be those established by authorizing legislation, agency policy, and other direction specified in the Cooperative Forestry Assistance Act, the National Environmental Policy Act, and the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.
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5800 - FOREST PROTECTION AND FOREST PEST MANAGEMENT

- 3. That the Secretaries of the Department of the Interior and the Department of Agriculture shall authorize their respective agencies concerned with the prevention and suppression of forest insects and diseases to develop and execute coordinated work programs and projects.
4. That, for carrying out forest insect and disease prevention and suppression programs and projects, responsible field officers of both Departments may enter into agreements with one another within the following framework:
- a. Responsibilities of the Department of Agriculture (to be carried out by the Forest Service):
- (1) Provide overall leadership and coordination for insect and disease prevention and suppression activities on all forest lands when the activities are financed wholly or in part with Federal funds.
 - (2) To the extent possible, provide technical and financial assistance to agencies of the Department of the Interior for prevention and suppression projects and programs on forest lands administered by the Department of the Interior.
 - (3) Conduct detection surveys and biological evaluations of insect and disease outbreaks on forest lands administered by the Department of the Interior.
 - (4) Within budgetary limitations, annually transfer to the Department of the Interior such amounts of the USDA Forest Service, Forest Pest Management budget that are mutually determined to be necessary for insect and disease prevention and suppression work on forest lands administered by the Department of the Interior. To the extent possible, determine annual prevention and suppression needs by October 15.
 - (5) Assist agencies of the Department of the Interior in organizing and performing general insect and disease field surveillance on forest lands administered by the Department of the Interior.
 - (6) Inform local and national Department of the Interior personnel of forest insect and disease conditions on other ownerships that may affect lands administered by the Department of the Interior.
 - (7) Prevent and suppress insect and disease outbreaks on the National Forests and cooperate with other agencies to prevent and suppress insect and disease outbreaks which threaten forest lands administered by the Department of the Interior.
 - (8) Train key Department of the Interior employees in techniques for the prevention, detection, and suppression of destructive forest insects and diseases.



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- (9) Assist Department of the Interior personnel in identifying new opportunities for incorporating the principles of integrated pest management in resource management decisions and programs.
- b. Responsibilities of agencies of the Department of the Interior (to be coordinated by the Bureau of Land Management):
- (1) Notify field units that technical assistance is available from the Forest Service and that biological evaluations are required before forest insect and disease prevention or suppression projects can be funded by the Forest Service.
 - (2) Facilitate detection surveys and forest insect and disease evaluations made by the Forest Service on lands administered by the Department of the Interior.
 - (3) Decide for or against control action on the basis of resource management objectives, biological effectiveness, environmental acceptability, and an analysis of economic efficiency. Control decisions will be based on:
 - (a) An appraisal of both current pest infestation significance and projected significance with and without prevention or suppression activities. This information, as well as a discussion of alternative pest management tactics, is provided by FS pest management specialists in the biological evaluation.
 - (b) An evaluation of the resources threatened within the context of management objectives.
 - (c) An analysis of possible adverse environmental effects of control tactic alternatives.
 - (d) An economic analysis of the proposed action.
 - (e) A forest stand pest risk evaluation (pertains only to prevention projects).
 - (4) Perform field surveillance and specialized detection surveys as necessary to supplement Forest Service efforts.
 - (5) Conduct prevention and suppression activities on lands administered by the Department of the Interior.
 - (6) Report prevention and suppression project accomplishments to the Forest Service by November 15 each year covering all forest pest management expenditures for the previous fiscal year.
 - (7) Cooperate with other agencies on adjacent or intermingled lands on insect and disease surveillance, prevention, and suppression activities.
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- (8) Submit formal request for proposed needs to USDA Forest Service by October 1 of each year. The Bureau of Land Management, acting as coordinator for the U.S. Department of the Interior (USDI), will collect and analyze the proposed needs for the Department to assure that the proposals are biologically sound, environmentally acceptable, and cost-effective.

This Agreement supersedes the Agreement for the Conduct of Forest Insect and Disease Surveys and Control which was approved by the Acting Assistant Secretary for Land and Water Resources for the U.S. Department of the Interior on August 18, 1978, and the Assistant Secretary for the U.S. Department of Agriculture on August 31, 1978.

This Agreement is effective upon the date of approval and shall continue in effect until 30 days after written notice of a desire to terminate by either of the signatories.

Date: MAR 16 1983

United States Department of the Interior
By: James M. Parker
Title: Acting Director

Date: 3/28/83

United States Department of Agriculture
By: Alvin Sater
Title: Chief, Forest Service



BLM MANUAL
Supersedes Rel. 5-97

Rel. 5-131
5/22/85

DEPARTMENT OF THE INTERIOR
DEPARTMENTAL MANUAL

Environmental Quality

Part 517 Pesticides

Chapter 1 Pesticide Use Policy

517 DM 1.1

1.1 Purpose. This Chapter prescribes the Department's policies for the use of pesticides on the lands and waters under its jurisdiction and for compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended.

1.2 Policy. It is the policy of the Department:

A. To use pesticides only after full consideration of alternatives - based on competent analyses of environmental effects, safety, specificity, effectiveness, and costs. The full range of alternatives including chemical, biological, and physical methods, and no action will be considered. When it is determined that a pesticide must be used in order to meet important management goals, the least hazardous material that will meet such goals will be chosen.

B. To utilize pest management research, control, education, and assistance programs to develop, support, and adopt integrated pest management (IPM) strategies wherever practicable.

C. To use only pesticides registered by the Environmental Protection Agency (EPA) in full accordance with FIFRA, as amended, and as provided in regulations, orders, or permits issued by EPA.

D. That the handling and use of restricted-use pesticides be conducted with caution and only by personnel who are either certified or under the direct supervision of a certified applicator.

E. To insure that all pesticides and pesticide containers are transported, stored, and disposed of in a manner that will safeguard human health, fish and wildlife, and prevent soil and water contamination.

F. To give full consideration at all times to safety to humans, fish and wildlife, and other non-target organisms.

G. To use pesticides in habitats involving endangered and threatened animal or plant species only after it is determined that such use will not adversely affect the species or its critical habitat. This determination will be made through the Endangered Species Act consultation process prescribed in 50 CFR 402.

H. To use pesticides in wilderness areas only where necessary to protect human health or to prevent loss of significant resource values on public or private lands within or bordering the wilderness area.

7/14/81 #2336
Replaces 6/19/81 #2331

DEPARTMENT OF THE INTERIOR
DEPARTMENTAL MANUAL

Environmental Quality

Part 517 Pesticides

Chapter 1 Pesticide Use Policy

517 DM 1.2I

I. To conduct or require quality control monitoring before, during, and after any pesticide application in ecologically sensitive areas. Such monitoring will determine whether the application achieved the desired effects and whether there are any significant, unanticipated effects.

J. To apply pesticides by aerial methods only when the advantages over ground methods are distinct and then only with appropriate techniques to ensure positive placement and to minimize drift.

K. To adhere to Departmental public participation policies in carrying out pesticide use programs. (301 DM 2)

L. To ensure that areas treated with Restricted Use pesticides (40 CFR 162.31) are posted at usual points of entry so that occupants, land users, and visitors are informed sufficiently in advance to avoid possible exposure. Such posting will contain: (1) a statement that the area has been or will be treated with a named pesticide; (2) the date of the treatment; (3) appropriate precautions to be taken or the date when re-entry is judged to be safe; (4) a telephone number and address for further information. Local managers may make exceptions to the posting requirement where they judge no public exposure is likely.

M. To ensure that all non-Interior lessees, operators, or other users of Interior lands, waters, or facilities are aware of their obligation to comply with FIFRA as amended, Departmental policy, and all other applicable Federal and State laws and regulations governing the use of pesticides, and to require such compliance through periodic review of the pesticide-related plans and practices of the land users.

1.3 Prohibited and Restricted Uses of Pesticides. The pesticides listed by EPA as prohibited or restricted are prohibited or restricted, as indicated, for use on lands and waters administered by the Department.

1.4 Responsibilities.

A. Assistant Secretary - Policy, Budget, and Administration.

(1) Is responsible for overseeing the Department's compliance with FIFRA, as amended, and its implementation of all other policies prescribed in this Part.

(2) Is responsible for coordinating any program differences or conflicts between Assistant Secretaries.

7/14/81 #2336
Replaces 6/19/81 #2331

DEPARTMENT OF THE INTERIOR
DEPARTMENTAL MANUAL

Environmental Quality

Part 517 Pesticides

Chapter 1 Pesticide Use Policy

517 DM 1.4B

B. Program Assistant Secretaries. Are responsible for their subordinate bureaus and offices' compliance with the amended FIFRA, EPA's implementing regulations (Code of Federal Regulations, Title 40, Subchapter E - Pesticide Programs), and the policies prescribed in this Part.

C. Heads of Bureaus and Offices.

(1) Will ensure that their organizations comply with the amended FIFRA, EPA's implementing regulations (Code of Federal Regulations, Title 40, Subchapter E - Pesticide Programs), and the policies prescribed in this Part.

(2) Will ensure that their organizations' pesticide programs and uses are evaluated, controlled, and monitored for safety, protection of the environment, and compliance with the National Environmental Policy Act, as amended, and the Endangered Species Act, as amended.

(3) Will provide technical support for Departmental reviews of pesticide policies, programs, and uses when requested.

D. Office of Environmental Project Review.

(1) Will be the lead office for advising the Assistant Secretary - Policy, Budget, and Administration in regard to the policy aspects of Departmental pesticide programs and activities. This includes recommendations for revision of this Pesticide Use Policy when warranted by changes in the available technical information, pertinent Federal statutes or regulations, or other conditions.

(2) Will solicit and consider the views of all interested Departmental offices and bureaus when changes in this Pesticide Use Policy are contemplated. Recommendations for revision of this policy will be accompanied by appropriate supporting information and the comments of interested Departmental bureaus and offices.

(3) Will exercise oversight review of pesticide programs, projects, procedures, and performance for the Assistant Secretary - Policy, Budget, and Administration.

(4) Will be the lead office for establishing the requirements for Departmental-level reviews of pesticide uses proposed by Interior bureaus and offices, for performing such reviews, and will approve certain pesticide uses. The heads of the interested bureaus and offices will be invited to designate representatives to advise and assist in these reviews.

(5) Will alert bureaus when new information or other considerations require significant controls, advice, or warning concerning the use of pesticides that may pose an environmental threat.

7/14/81 #2336
Replaces 6/19/81 #2331

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE						FOREST INSECT AND DISEASE MANAGEMENT PROJECT PROPOSAL (Reference FSM 3450)					
PART I - REQUESTING OFFICE USE ONLY											
1. Region/Area		2. State		3. Fiscal Year		4. Causal Agent		5. Group		6. Landownership (x appropriate box) <input type="checkbox"/> National Forest <input type="checkbox"/> Other Federal	
7. Type of Project (x appropriate box) <input type="checkbox"/> Prevention <input type="checkbox"/> Suppression				8. Status of Project (x appropriate box) <input type="checkbox"/> New Project <input type="checkbox"/> Continuing Project				9. Host Protected			
10. Prevention/Suppression Method				11. Pesticide				12. Application Rate			
13. Program Activities (a)				First Year Targets and Costs			Funds Needed in Subsequent Years				
				Units of Work (b)	Unit Cost (c)	Total Planned Cost (d)	FY: Estimated Cost (e)	FY: Estimated Cost (f)			
(1) Presuppression-Operational Survey (Acres)											
(2) Treatment (Acres)											
(3) Volume Treated (MBF)											
(4) Volume Removed (MBF)											
(5) Volume Protected (MBF)											
(6) Post-Suppression Evaluation (Acres)											
(7) Environmental Monitoring (Acres)											
(8) Other (Identify)											
(9) Subtotal											
(10) Indirect and service charges (Field) Percent of Subtotal (%)											
(11) Total Field Costs											
14. Proposed By (Signature)						15. Title			16. Date		
PART II - REGION OR AREA USE ONLY											
17. Region/Area Indirect and Service Charges Percent of Total Field Costs (%)											
18. Total Project Costs											
19. Approved By (Signature)				20. Title			21. Project Number		22. Date		
PART III - WASHINGTON OFFICE USE ONLY											
23. Project Action (x appropriate box) <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved				24. Total Funds Allocated							
25. Approved/Disapproved By (Signature)						26. Title			27. Date		
28. Remarks											

(OVER)

FS 3400-2 (10/79)

INSTRUCTIONS: (Reference FSM 3450) Use this form only for projects on National Forest System and other Federal lands.

1. Region/Area
2. State
3. Fiscal Year
4. Causal Agent - Name the insect or disease involved.
5. Group - Indicate insect or disease group into which the causal agent falls. Groups are bark beetle (BB), defoliator (DEF), other insects (OI), dwarf mistletoe (DM), oak wilt (OW), other disease (OD).
6. Landownership
7. Type of Project
8. Status of Project
9. Host Protected - Name tree species affected.
10. Prevention/Suppression Method - Specify method to be used.
11. Pesticide - Include trade names of pesticides to be used.
12. Application Rate - If pesticide usage is involved, specify the dosage rate in pounds of active ingredient per unit treated.
13. Program Activities
14. Proposed By - Signature of person initiating the proposal.
15. Title
16. Date
17. Region/Area Indirect and Service Charges - Enter percent of field total cost from block 13(a)(11) and enter the amount imposed against the project at the Regional or Area office level.
18. Total Project Costs - Enter the sum of blocks 13(a)(11) and 15.
19. Approved By - Project proposal must be approved and dated by the Regional Office or Area Office or by their designated representative prior to submission to the Washington Office.
20. Title
21. Project Number
22. Date
23. Project Action
24. Total Funds Allocated
25. Approved/Disapproved By 26. Title 27. Date 28. Remarks

ACCOMPLISHMENT/EXPENDITURES REPORT

USDI Agency :	District/Reservation/Park :	Project Name :
State :	Forest Service Region Where Work Occurred :	Project No. :
Fiscal Year :	Pest Controlled :	Prepared By :
		Date :

Dollars Expended	Acres Treated	Merchantable Volume Protected (MBF ÷ 6 = 000 Cu. Ft.)	Merchantable Volume Removed (MBF ÷ 6 = 000 Cu. Ft.)
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I&D Presuppression/ Operational Survey	\$
I&D Prevention/Suppression Using Biological Methods	\$
I&D Prevention/Suppression Using Chemical Methods	\$
I&D Prevention/Suppression Using Silvicultural/ Mechanical Methods	\$
Unobligated Carryover:	\$

Justification for Unobligated Carryover and/or Other Remarks:

8/3/82 #2427
 Replaces 12/9/81 #2369

Supp. 6, Release 2, 12/2/87

DI-45
(March 1968)

U. S. DEPARTMENT OF THE INTERIOR
FOREST INSECT AND DISEASE CONTROL
PESTICIDE USE REPORT

1. BUREAU		2. REGION, STATE, ETC.		3. FIELD UNIT		4. P.V.	
LAND OWNERSHIP (5)	TYPE OF PESTICIDE (6)	TRADE NAME (7)	USE (8)	POUNDS USED (9)	TOTAL COST (10)		
PREPARED BY			TITLE		DATE		

INSTRUCTIONS

This form is to be used for reporting pesticides used in insect and disease control, including white pine blister rust control, during a fiscal year on a national park, wildlife refuge, grazing district, Indian reservation or other administrative field unit.

Pesticide use reported is limited to that financed wholly or in part with Forest Pest Control Act and/or blister rust control funds. For cooperative project work on non-Federal land include total amounts and costs not just the amount purchased with Federal funds.

1. Enter name of reporting bureau.
2. Enter name or number of administrative level next above the reporting unit.
3. Enter name of reporting unit; national park, wildlife refuge, grazing district, Indian reservation or other administrative unit covered by the report.
4. Enter fiscal year covered by the report.
5. Indicate ownership of lands upon which pesticide was used. List Federal lands first, followed by non-Federal lands.
6. Enter type of pesticide. Three are recognized. They are:
(1) insecticides, (2) fungicides, and (3) herbicides.
7. Enter trade names of insecticides, fungicides and herbicides, e.g. BHC; 2,4-D; Phytoactin, etc.
8. Enter name of insect or disease suppressed with each pesticide listed in column 7.
9. Enter pounds of active chemical ingredients used. For example, in reporting use of such pesticides as 2,4-D, Phytoactin, Actidione, BHC, etc., do not report gallons of concentrate used; instead report pounds of active ingredients in those concentrates.
10. Enter cost of formulated pesticide. Include cost of carriers, diluents, mixing, etc. Do not include cost of applying pesticide.