Pesticide Use By Federal Agencies in Idaho, Oregon, and Washington

Pesticide Branch
Air and Toxics Division
EPA Region 10
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INTRODUCTION

This research project was proposed by the Pesticides and Toxic Substances Branch (EPA Region 10) to fill in data gaps in EPA's knowledge of Federal Agency pesticide use and disposal.

This document is divided into several components. The first component includes the Table of Contents, Introduction, Scope, Methodology, and Findings and Recommendations. The second component contains the Narrative Descriptions for each agency. The third component is divided into three parts and contains the data forms for Idaho, Oregon, and Washington respectively. The fourth component is the Appendix and contains maps and compilations which may be useful.

The project is not intended to be all inclusive but rather to provide an overview of the magnitude of Federal agency pesticide use and disposal.

SCOPE

EPA Region 10 encompasses Alaska, Idaho, Oregon, and Washington. Alaska was not included in the project to avoid duplication of effort (EPA's Alaska Operation Office is researching pesticide use information for the entire State).

This research project concentrated on the Federal agencies most likely to use large quantities and/or potent types of pesticides.

METHODOLOGY

The process for selecting which Federal agencies to research was done by phone interviewing pesticide inspectors of the Washington Department of Agriculture, Idaho Department of Agriculture, and the Oregon Department of Agriculture. In person interviews with EPA regional and national staff knowledgeable about federal facilities and about pesticide use in the Northwest was also helpful in targeting agencies to research.

Federal agencies were interviewed by phone and encouraged to send available information. Agencies were asked to provide the most recent information available concerning its pesticide use and disposal. Information requested concerning use included: pesticide common and trade names, quantities used, geographic location applied, and target species (pest). Information on disposal included: common and trade names, quantities, disposal methods, and geographic location of disposed excess pesticides and pesticide containers.

Additional research was conducted by reviewing RCRA lists and identifying agencies which had notified EPA that it had generated hazardous waste.

Data was compiled on a form entitled "Data Form - Federal Facilities/Pesticides". This form was used in an attempt to standardize all acquired information to improve the data's readability and understandability. A narrative form was used to describe each Federal agency, the agency's use and disposal of pesticides, and to identify areas of concern.

Most agencies provided pesticide quantity information for the pesticides' active ingredients. Pesticides used in quantities under 10 lbs. per year were not included in the survey.

CONSTRAINTS

Because of the short time frame available for response, information requested from Federal agencies was limited to already compiled and/or readily available information. This was also done to reduce the burden of the request.

Some agencies did not have precise recordkeeping systems and/or did not care to cooperate fully. Gaps in the data presented reflects this limitation.

MAJOR FINDINGS & COMMENTS

1) Seventeen federal agencies use pesticides on a regular basis in Idaho, Oregon and/or Washington.

2) Federal agency staff were sensitive about providing pesticide use and disposal information.

   a) All agencies but two were cooperative in providing pesticide use/disposal data. The non-cooperating agencies were:

      Agricultural Research Service
      (Dept. of Agriculture)

      Drug Enforcement Administrtaion
      (Dept. of Justice)

   b) National and regional level federal agency staff were especially sensitive about providing pesticide disposal information. Agency staff either did not wish to provide disposal information and/or did not have a good understanding of what was happening at the application/disposal level. The usual agency response to disposal questions were:

      -- no excess pesticides exist. Pesticides which are procurred are all used up.

      -- pesticide containers are disposed of as directed on the pesticide container label.

      -- certified, private contractors are responsible for disposal activities.

3) Federal agency pesticide recordkeeping systems vary greatly.

a) Some agencies track pesticides actually used while other agencies' record systems consist of storing pesticide use proposals which agency field offices submit for review and approval. Once approved, field offices can apply any quantities up to the maximum amount listed on its proposal.

b) Recordkeeping was either by each month, by fiscal year, or by calendar year.

c) Pesticide quantities, target species, and/or application locations were sometimes not provided or sometimes provided in varying degrees of preciseness.

d) Some agencies had up-to-date data while others had data which had not been updated for several years.

4) Some federal agencies possess banned and/or suspended pesticides which their staff do not know how to dispose of.

-- The Bureau of Indian Affairs (Warm Springs Agency-Oregon) has 14 gallons of a mixture of 2,4,-D and 2,4,5-T.

-- The Dept. of Navy has quantities of 2,4,5-T and DDT.

5) Many agencies are using large quantities of pesticides identified by EPA's Office of Pesticide Programs as strong leachers and potential groundwater contaminants.

RECOMMENDATIONS

1) Research what pesticides (banned, suspended, and/or unwanted) are currently stored on federal facilities or land.

2) Survey pesticide applicators (agency staff and/or private contractors) to determine where excess pesticides and pesticide containers are disposed of on federal land.

3) Encourage agencies to maintain current and more precise records of pesticides actually applied.

4) Develop and implement Memorandums-of-Understanding (or informal agreements) wereby regional agency staff will provide EPA Region 10 with annual pesticide use information.

5) Develop a pesticide use form which is easy (and useful) for agencies to use and which will present data in a format easily entered into EPA's database system.

6) Notify federal agencies using pesticides identified by EPA's Office of Pesticide Programs as probable leachers and potential contaminants that alternative pesticides should be considered.

SECTION II

FEDERAL AGENCY NARRATIVE STATEMENTS

AGENCY: Agricultural Research Service
Dept. of Agriculture

AGENCY DESCRIPTION:

The Agricultural Research Service (ARS) administers research programs for animal and plant production, the use and improvement of soil, water, and air; the processing, storage and distribution of farm products; and human nutrition.

The ARS has jurisdiction over 32,463 acres in Idaho, 14,508 acres in Oregon, and 173 acres in Washington. The ARS Western Region includes Idaho, Oregon, and Washington.

DATA PROVIDED:

Phone conversations with ARS staff indicate a variety of pesticides are used regularly and there is systematic recordkeeping of pesticide use. ARS staff said annual pesticide use data would be sent but to date (9/23/85), no data has been received (despite 3 reminder phone calls, the last being on 9/18/85). ARS staff phoned on 9/25/85 and said its data would arrive soon.

PESTICIDE USE AND DISPOSAL:

Unknown

FUTURE USE:

Unknown

AREAS OF CONCERN:

The ARS appears to be uncooperative in providing pesticide use/disposal information. By not providing such information ARS fosters suspicion that it is using pesticides in a manner which would be disapproved of at EPA.

INFORMATIONAL RESOURCES:

Richard Parry 344-2734
Agricultural Research Service

AGENCY: Animal & Plant
Health Inspection Service
Department of Agriculture

AGENCY DESCRIPTION: The Animal & Plant Health Inspection Service (APHIS) conducts regulatory and control programs to protect and improve animal and plant health in the United States. APHIS is divided into two components; Plant Protection and Quarantine, and Veterinary Services. The Plant Protection and Quarantine Division administers cooperative plant protection and domestic quarantine programs for control and eradication of insects, disease, weeds, and nematodes of economic importance. The Veterinary Services Division administers Federal-State cooperative programs to control and eradicate animal pests and diseases. Idaho, Oregon, Washington, and Alaska are in the Western Regional Office of APHIS.

DATA PROVIDED: The data is for pesticides used during fiscal year 1985 (as of August 20, 1985) for the Plant Protection and Quarantine division of APHIS. APHIS did not anticipate any additional pesticide applications between August 20, 1985 and the end of fiscal year 1985. Pesticide quantities are for active ingredients.

PESTICIDE USE AND DISPOSAL: One of the primary functions of the Plant Protection and Quarantine Division is to respond to pest outbreaks using control and eradication programs. In 1985 in Idaho, Oregon, and Washington there was a pest problem with grasshoppers. In 1985 in Oregon, a pest problem existed with gypsy moths. The Plant Protection and Quarantine (PPQ) division developed and implemented cooperative control programs involving APHIS, State governments, and private landowners to control both pest outbreaks.

The Veterinary Services division reported that no pesticides were used for FY 85.

Most pesticide applications are contracted out to commercial applicators who utilize all the pesticides they acquire.

FUTURE USE: Anticipated pests for FY 86 include grasshoppers and gypsy moths. Quantities of pesticides applied depend on the extent of the pest problem.

Currently, Federal agencies cannot use carbaryl, trichlorofon, acephate and diflubenzuron in control programs in Oregon. As of January 1, 1986 Federal agencies nationwide cannot use the abovementioned pesticides. This is the result of a April 26, 1985 court ruling by James A. Redden (a U.S. District Judge). Judge Redden stated that the "worst case analysis" that is required for the Final Environmental Impact Statement for Gypsy Moth Suppression and Eradication Projects is inadequate because it fails to communicate necessary information to the persons entitled to be so informed.

AREAS OF CONCERN:

Not apparent at this time.

INFORMATIONAL RESOURCES:

Andy Adams - Assistant Regional Director, Regional Office, FTS-460-4364

Gypsy Moth Suppression and Eradiction Projects FEIS - 1985

AGENCY: U.S. Forest Service
Department of Agriculture

AGENCY DESCRIPTION: The Forest Service manages the natural resources on 45,763,377 acres of National Forest land in Idaho, Oregon, and Washington. Examples of managed natural resources include timber, range wildlife, water, wilderness, and recreation sites.

Three Forest Service Regional offices have jurisdiction for National Forests in Idaho, Oregon, and Washington. Region 1 (northern region) covers three National Forests in the panhandle of Idaho and include: the Clearwater National Forest, the Idaho Panhandle National Forests (3), and the Nez Perce National Forest. Region 4 (Intermountain Region) has jurisdiction over seven National Forests in southern Idaho including; Boise National Forest (N.F.), Caribou N.F., Challis N.F., Payette N.F., Salmon N.F., Sawtooth N.F., and Targhee N.F. Region 6 (Pacific Northwest Region) contains nineteen national forests in Oregon and Washington including: Deschutes N.F., Fremont N.F., Malheur N.F., Mt. Hood N.F., Ochoco N.F., Rogue River N.F., Siskiyou N.F., Siuslaw N.F., Umatilla N.F., Umpqua N.F., Wallowa-Whitman N.F., Willamette N.F., Winema N.F., Colville N.F., Gifford Pinchot N.F., Mt. Baker-Snoqualmie N.F., Okanogan N.F., Olympic N.F., and Wenatchee N.F.

All national forests are comprised of ranger districts (usually 4 or 5).

DATA PROVIDED:

The USFS keeps records for pesticides actually used furing the fiscal year. Ranger districts provide its records to its national forest. The national forest compiles the ranger district records and sends the compilation to its regional office. The regional office compiles the national forest records and sends the compilation to Washington, D.C. [Pesticide quantities are for active ingredients].

The attached data was provided by the regional offices for FY 84. For more specific location information, individual national forests were contacted by telephone. Data on Deschutes National Forest's unwanted pesticides was obtained from a Notification of Hazardous Waste Activity the forest sent to the RCRA Division of EPA.

PESTICIDE USE AND DISPOSAL:

The USFS uses pesticides primarily for its timber management program and to control noxious weeds. Pesticide use for 1984 and 1985 has decreased significantly when compared with pesticide use in 1983 and before 1983. The decreased use is the result of a current court injunction preventing Federal agencies from spraying pesticides.

In Region 1, all reported pesticide use occurred at the Coeur d'Alene Nursery located on the Idaho Panhandle National Forests.

In Region 4, pesticide use was reported by the following national forests: Caribou, Payette, Salmon, Sawtooth, and Targhee.

In Region 6, the national forests reporting no pesticide use included: Siuslaw, Colville, Mt. Baker-Snoqualmie, Okanogan, Olympic, and Wenatchee. It is interesting to note that of the 13 forests reporting pesticide usage for FY 84, 11 forests use strychnine for rodent control. Most pesticide applications are contracted out and so the contractor may or may not have excess pesticides.

FUTURE USE:

Pesticide usage can be expected to rise to its 1983 levels if the court injunction is lifted and if the timber industry stabilizes.

AREAS OF CONCERN:

Fairfield Ranger District (Sawtooth National Forest - Idaho) used large quantities of picloram in FY 84. Picloram was identified as a strong leacher and is on EPA's priority I list for "Potential Groundwater Contaminants."

Ashland Ranger District (Rogue River National Forest - Oregon) used large quantities of atrazine, simazine, and dalapon in FY 84. Atrazine, simazine, and dalapon are on EPA's priority I list for "Potential Groundwater Contaminants" (strong leachers).

INFORMATIONAL RESOURCES:

Ed Monnig 585-3134
Region 1 - Human and Environmental Health

Garth Baxter Region 4 - Forest Management 586-5257

Randy Perkins Region 6 - Forest Management 423-2727

AGENCY: Bonneville Power Administration
Department of Energy

AGENCY DESCRIPTION: BPA is the primary provider of electrical energy to Oregon, Washington, and Idaho. BPA generates and maintains approximately 13,000 miles of transmission lines, 357 substations and switchyards, a microwave communication and control system, access roads, maintenance buildings and support facilities.

BPA is divided into 4 areas. The Puget Sound Area covers Washington State west of the Cascades. The Upper Columbia Area covers Washington State east of the Cascades, northern Idaho and limited areas in Montana. The Lower Columbia Area covers Oregon west of the Cascades. The Snake River Area covers Oregon east of the Cascades, southern Idaho and limited areas in Wyoming.

DATA PROVIDED: The data presented is for a typical fiscal year (1983 & before). 1984 and 1985 are not considered typical years to due to court injunctions against Federal agencies spraying pesticides and a depressed timber economy (enabling BPA to hire brush cutters cost effectively). A ballpark estimate of use for 1984 & 1985 is at about 20%-25% of the presented data. Pesticide quantities are for product formulations.

PESTICIDE USE AND DISPOSAL: BPA uses herbicides to prevent vegetation from interfering with its equipment and facilities, to enable BPA personnel to safely access its equipment and facilities, and to reduce fire hazards.

Within the past three years no major accidents or spills requiring disposal of large quantities of unusable herbicide has occurred. Empty pesticide containers are triple rinsed, crushed or punctured, and disposed of in landfills in accordance with local regulations.

FUTURE USE: Pesticide usage can be expected to rise to 1983 levels if the court injunction is lifted and if the timber industry stabilizes.

AREAS OF CONCERN: According to the BPA data, the primary pesticides used are Prometon, Tebuthiuron, and a combination of Dicamba and 2,4-D. A "Potential Ground-Water Contaminant" list developed by EPA's Office of Pesticide Programs (1984) identifies Tebuthiuron on its priority 1 list and Dicamba and Prometone on its Priority 2 list. Picloram (also used by BPA) is on EPA's Priority 1 list.

INFORMATIONAL RESOURCES:

Fay Shon, Natural Resource Specialist (BPA) (FTS) 425-2036

Preliminary Draft Programmatic EIS Transmission Facilities Vegetation Management Program - March 1982

AGENCY: Idaho Operations Office
Dept. of Energy

AGENCY DESCRIPTION:

The Department of Energy is responsible for research and development for uranium enrichment and nuclear weapons (including testing and production). Activities at the Idaho Operations Office are carried out by private contractors although the facilities they work at are government owned. The major responsibility of the Idaho Operations Office is to manage and administer the government-owned contractor facility contracts. The Idaho Operations Office has jurisdiction over approximately 572,348 acres in Idaho (the site is also known as the Idaho National Engineering Laboratory).

DATA PROVIDED:

"Pest Control Program Report" forms containing pesticide use proposals are submitted by contractors for approval by the Idaho Operations Office for the calendar year. These forms were provided by the Idaho Operations Office (IOO) for the 1985 calendar year. The IOO does not have actual use data.

The pesticide application locations were primarily in the vicinity of IOO facilities and structures. Some pesticide quantities were not provided. These quantities are dependent upon the occurrence of a particular pest species (and the magnitude of the pest problem).

PESTICIDE USE AND DISPOSAL:

A variety of pesticides are used to control vegetation and insects. Most pesticides are used to control pests in the vicinity of facilities. Some examples of pesticides which could potentially be used for CY 1985 includes: diazinon, dicamba (50 gallons), maleic hydrazide (4,000 gallons), Prometon (1400 lbs), Tebuthiuron (500 lbs), and 2,4-D.

All pesticide applications are contracted out to EG & G Idaho, Inc., a private firm.

FUTURE USE:

CY 1986 should be comparable to CY 1985.

AREAS OF CONCERN:

EPA has identified certain pesticides as potential groundwater contaminants because of their leaching ability. Potential groundwater contaminants proposed for use by the IOO include: dicamba, maleic hydrazide, prometon, and tebuthiuron. These pesticides are on EPA's priority I list except for prometon (which is on EPA's Priority II list).

INFORMATIONAL RESOURCES:

Bill Harrie 583-1532
Idaho Operations Office, Dept. of Energy

AGENCY: Washington Operations Office
Dept. of Energy

AGENCY DESCRIPTION:

The Dept. of Energy is responsible for research and development for uranium enrichment and nuclear weapons (including testing and production). Activities at the Washington Operations Office (WOO) are carried out by private contractors although the facilities they work at are government owned. The major responsibility of WOO is to manage and administer the government owned contractor facility contracts. The WOO has jurisdiction over 362,278 acres of land in Washington.

DATA PROVIDED:

Data was received from WOO staff by phone because WOO's pesticide applicator contractors were not timely in providing the data to WOO. A letter containing the pesticide use information should be arriving at EPA Region 10 in early October (1985).

The data provided is combined usage figures for 1984 and 1985. This document presents the data as caculated for the average annual use.

PESTICIDE USE AND DISPOSAL:

WOO primarily uses herbicides in its pest management program. Tebuthiuron and a mixture of bromacil and diuron are herbicides WOO commonly uses. Pesticide applications are contracted out.

FUTURE USE:

WOO will be experimenting with arsinyl and will use it in place of other pesticides if it proves effective.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Office of Pesticide Programs identifies certain pesticides as probable leachers and potential contaminants. Pesticides on EPA's Priority I list includes tebuthiuron and bromacil. Both these pesticides are used by WOO in large quantities.

INFORMATIONAL RESOURCES:

Ted Austin 444-7287
Environmental, Safety, and Health Division
Dept. of Energy

AGENCY: Bureau of Indian Affairs
Dept. of the Interior

AGENCY DESCRIPTION:

The Bureau of Indian Affairs (BIA) is charged with carrying out the major portion of the trust responsibility of the United States to Indian tribes. BIA assists Indian tribes in attempting to maximize benefits from Indian and Alaska Native natural resources (in accordance with the principles of resource conservation). BIA often provides technical assistance in the fields of forest management, water rights, range management, irrigation, soil and moisture conservation and management, and mineral resource management.

The Portland Regional Office has jurisdiction over BIA activities in Washington and most of Idaho and Oregon. The Phoenix, Arizona Regional Office's jurisdiction includes small portions of Idaho and Oregon.

Indian Reservations and Trust Areas number approximately 4 in Idaho, 4 in Oregon, and 22 in Washington. Lands pertaining to some sort of Indian ownership include approximately 825,131 acres in Idaho, 759,538 acres in Oregon, and 2,508,592 acres in Washington. Pesticide quantities are for active ingredients.

DATA PROVIDED:

The BIA provided information on proposed pesticide uses for FY 1985. The proposals are submitted to the BIA Regional Office for approval. If approved, the pesticide type and quantity can be used for the coming year. No actual use data is submitted to the Regional Office.

PESTICIDE USE AND DISPOSAL:

Most pesticide use proposed is to control aquatic and terrestrial weeds to facilitate irrigation. No pesticide use was proposed for Oregon BIA activities. In Washington the most pesticide use proposed is for the Yakima Indain Reservation (including 2,407 lbs. of dalapon). In Idaho, the Fort Hall Indian reservation is targeted for the largest amount of pesticide use (including 8,712 lbs. of prometon).

Warm Springs agency has 14 gallons of a mixture of 2,4,-D and 2,4,5-T it wants to dispose of.

FUTURE USE:

Use for FY 1986 should be comparable.

AREAS OF CONCERN:

Large quantities of dalapon and prometon are proposed for use. Both pesticides were identified by EPA as probable leachers and as potential groundwater contaminants. Dalapon is on EPA's priority I list and prometon is on EPA's priority II list.

INFORMATIONAL RESOURCES:

Bob Taylor, Area Environmental Coordinator
Portland Regional Office, BIA 429-2208

Federal and State Indian Reservations
and Indian Trust Areas
U.S. Dept. of Commerce Stock #0311-00076

AGENCY: Bureau of Land Management (BLM)
Dept. of the Interior

AGENCY DESCRIPTION:

The BLM administers and manages approximately 11,906,669 acres in Idaho, 13,572,655 acres in Oregon, and 310,674 acres in Washington. The land (and associated resources) is managed in accordance with multiple use and sustained yield principles. Examples of managed resources include: livestock grazing, watershed production, hard minerals, oil, gas, geothermal energy, wildlife habitat, recreation and cultural values, and timber.

The BLM Pacific Northwest Regional Office consists of Idaho, Oregon and Washington. The Portland, Oregon office also serves as the State offices for Oregon and Washington. Idaho's state office is located in Boise. Oregon and Idaho are further divided into various BLM districts.

DATA PROVIDED:

Actual pesticide use data for FY 1985 for Oregon, Washington and Idaho was provided by phone from BLM staff.

Proposed pesticide use for future pest control programs was also provided by phone and documented in two BLM publications (listed in Informational Resources).

The data for BLM proposed applications are BLM estimates for annual applications. The data represents the greatest quantity of active ingredients which is allowed by the pesticide's label. Actual quantities used maybe less because less quantities maybe more suitable for a particular treatment and/or funding is not available to treat acreage amounts scheduled for treatment.

PESTICIDE USE AND DISPOSAL:

The BLM uses pesticides primarily for its timber management, range management and noxious weed control programs. The majority of pesticide applications are contracted out.

Pesticide use during 1985 and 1984 has been extremely limited due to a court injunction prohibiting BLM from applying pesticides in Oregon. The ninth U.S. Circuit Court ruled (on Dec. 2, 1984) that BLM was required to prepare a "worst case analysis" for its pesticide application activities before it could resume spraying.

BLM has prepared Draft Environmental Impact Statements (DEIS) for its timber management and noxious weed control programs. BLM is also developing a DEIS for its range management program. All these programs utilize 2,4-D, picloram, dicamba, and glyphosphate (sometimes combined) for controlling unwanted vegetation. BLM hopes to resolve its legal difficulties soon and resume pesticide applications for controlling noxious weeds in 1986.

No pesticides were used by BLM in Washington during FY 1985. In Idaho, BLM used tebuthiuron (600 lbs.), 2,4-D (30 lbs.), and dicamba (60 lbs.). In Oregon, BLM used strychnine (200 lbs.) and zinc phosphide (50 lbs.).

FUTURE USE:

Pesticide use should increase dramatically in 1986 and 1987 as BLM resolves legal restrictions on its pesticide application activities.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Office of Pesticide Programs identifies certain pesticides as probable leachers and potential contaminants. Pesticides on EPA's Priority I list includes: dicamba, picloram, and tebuthiuron. BLM has used tebuthiuron recently and is proposing to use large quantities of dicamba and picloram for future vegetation control programs.

INFORMATIONAL RESOURCES:

Draft Environmental Impact Statements

Western Oregon Program - Management of Competing Vegetation. BLM - June 1983.

Northwest Area Noxious Weed Control Program. BLM - May 1985.

Greg Simmons - Regional BLM Staff - 429-6272

Steve Ellis - ID BLM Staff - 554-9516

AGENCY: Bureau of Reclamation (BOR)
Dept. of Interior

AGENCY DESCRIPTION:

The BOR administers Federal programs for water resource development and use in the western states. BOR programs provide multipurpose projects furnishing fish and wildlife protection and recreational opportunities; water for farm irrigation, municipal and industrial use; hydroelectric power; flood control; and other natural resource conservation benefits.

BOR's Pacific Northwest Region covers Idaho, Washington, and most of Oregon and is located in Boise, Idaho. The Mid-Pacific Region (located in Sacramento, California) has jurisdiction over the Klamath BOR district in Oregon.

DATA PROVIDED:

The BOR (Pacific Northwest Regional Office) provided "Pesticide Use Proposal" forms for use for FY 1985. These forms list the pesticides and quantities which could potentially be applied at a particular location during the fiscal year. Pesticide quantities are for product formulations.

The Mid-Pacific Region provided actual use data for 1982 (over the phone) and stated that current pesticide use was comparable.

PESTICIDE USE AND DISPOSAL:

BOR uses pesticides primarily to control vegetation (aquatic & terrestrial) at BOR project areas. The state which could potentially have the greatest quantity of BOR pesticides applied is Washington. Some potential applications include: Prometon (1,140 gallons), Simazine (480 lbs), and 2,4-D (1,542 gallons).

Pesticide applications are by in-house staff or through contracts with public agencies (when on other public agency land).

Disposal is accomplished by utilizing all of the pesticide procurred and then disposing of the container according to the pesticides label.

FUTURE USE:

Pesticide use should be comparable for the next fiscal year.

AREAS OF CONCERN:

EPA has identified certain pesticides as potential groundwater contaminants because of their leaching ability. Potential groundwater contaminants proposed for use by BOR include: atrazine, dicamba, diuron, picloram, prometon and 2,4,5-TP.

INFORMATIONAL RESOURCES:

Floyd Oliver 554-1167
Bureau of Reclamation - Pacific Northwest Region

Carl Tennis 460-5060
Bureau of Reclamation - Mid-Pacific Region

AGENCY: National Park Service
Dept. of the Interior

AGENCY DESCRIPTION:

The National Park Service (NPS) administers and manages sites of national significance including: parks, historic sites, memorials, and recreation areas. The Pacific Northwest Regional Office has jurisdiction over National Park Service facilities in Idaho, Oregon, and Washington. These facilities include: Coulee Dam NRA, Whitman Mission National Historic Site, North Cascades National Park, John Day Fossil Beds National Monument, San Juan Island National Historic Park, Nez Perce National Historic Park, Craters of the Moon National Monument, Olympic National Park, Mount Rainier National Park, Fort Clatsop National Memorial, and Fort Vancouver National Historic Site.

DATA PROVIDED:

The NPS provided pesticide types used and locations applied from January 1985 to April 1985. Pesticide quantities used in the Pacific Northwest Region for 1985 are estimated to be somewhat similar to the amount used in 1982, which was a total of 372 lbs.

Data for quantities used is available. Each National Park Service facility sends in pesticide use/quantity data to the Washington, D.C. office where it is entered into a computer. However, due to personnel shortages, a backlog exists and the last year data was entered was 1982.

PESTICIDE USE AND DISPOSAL:

Pesticide use appears to be relatively small. Target species include: insects, weeds, and algae. Pesticides used include: chloropyrifos, glyphosphate, M-1, Safer's Insecticidal Soap, Moss Out, Superior type oil spray, lime sulfur, Captan EO-W, diazinon, picloram, d-phenothrin, silica gel, dicamba, cunapsol 5, polysul spray, and cutrine.

Rainier National Park notified EPA Region 10 RCRA Division (on 11/15/84) that it was a one time generator of the following dangerous wastes: pentachlorophenol (1,500 lbs), creosote (175 lbs.), clorophen (150 lbs), and Never Rot (300 lbs.). The waste location was listed as Longmire, Washington.

AREAS OF CONCERN:

Not apparent at this time.

INFORMATIONAL RESOURCES:

Edgar P. Menning - 206-442-5670
Resource Management Specialist
Pacific Northwest Region National Park Service

EPA Hazardous Waste I.D. # WA4141707154

AGENCY: Fish and Wildlife Service
Dept. of the Interior

AGENCY DESCRIPTION:

The mission of the Fish and Wildlife Service (FWS) is to conserve, protect, and enhance fish and wildlife and their habitats for the continuing benefit of the American people.

The FWS is comprised of Regional Offices which manage and administer National Wildlife Refuges, National Fish Hatcheries, Waterfowl Production Areas, and Wildlife Research Labs.

Idaho, Oregon, and Washington are within the Portland Regional Office which has jurisdiction over land including: 44,218 acres in Idaho, 479,063 acres in Oregon, and 128,713 acres in Washington.

DATA PROVIDED:

Two types of data was provided by FWS. Pesticide use proposal forms for CY 1984 were provided. These forms propose pesticide use for primarily vegetative pests. Once approved by the Regional Office, the pesticides may or may not be applied during the year.

The Animal Damage Control Program within FWS provided some data on pesticides actually used during FY 1984.

PESTICIDE USE AND DISPOSAL:

A diverse array of herbicides are proposed for use on FWS land. At least 46 different herbicides were proposed for use for 1984. National Refuges apply pesticides for general maintenance on areas such as roadsides and parking lots. Much of the pesticides proposed for use would be applied by private farmers on land which are leased from the FWS (the farmers leave a portion of their crop for wildlife - usually waterfowl).

The Animal Damage Control Program uses rodenticides, predicides, and avicides in its control programs.

FUTURE USE:

CY 1985 use should be similar to CY 1984 use.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Office of Pesticide Prgrams identifies certain pesticides as probably leachers and potential contaminants. Pesticides proposed for use for CY 1984 on FWS land include 13 priority I and 3 Priority II pesticides on EPA's list. Priority I pesticides proposed for use by FWS are alachlor, aldicarb, atrazine, bromacil, chlorothalonil, dalapon, dicamba, hexazinone, MCPA, picloram, pronamide, simazine, and tebuthiuron. Priority II pesticides proposed for use by FWS include disulfoton, diuron, and metribuzin.

INFORMATIONAL RESOURCES:

Dave Lemhart 429-6160
Portland Regional Office
Fish & Wildlife Service

Vern Cunningham 429-6167
Animal Damage Control Program
Fish & Wildlife Service

AGENCY: Drug Enforcement Administration
Department of Justice

AGENCY DESCRIPTION:

The Drug Enforcement Administration (DEA) is the lead Federal agency in enforcing narcotics and controlled substances laws and regulations. The agency concentrates on high-level narcotics smuggling and distribution organizations in the United States and abroad.

DATA PROVIDED:

The data presented was researched from two draft environmental impact statements and one final environmental impact statement. The quantities of pesticides in the presented data were calculated by multiplying acreages times rates of pesticide application. The DEA estimated acreages are based on 1984 and 1983 sightings of Cannabis plots. Pesticide quantities are for active ingredients.

PESTICIDE USE AND DISPOSAL:

The DEA has not applied pesticides for Cannabis control in EPA Region 10 as yet. DEA is proposing to use paraquat, 2,4-D, and glyphosphate in future Cannabis eradiction actions. 2,4-D and glyphosphate would be used primarily on Cannabis which is not mature enough for harvesting. Paraquat could be used on Cannabis plants at all stages of growth.

Land which may be affected by future pesticide applications include: 141 acres in Idaho, 521 acres in Oregon, and 352 acres in Washington.

AREAS OF CONCERN:

Determining DEA's proposed pesticide use and application locations is difficult because of the secretive nature of law enforcement work. This may cause increased human and environmental exposures to all pesticides involved.

Paraquat is a particularly potent pesticide which can cause human death or injury with relatively low doses (if ingested or if it enters the bloodstream).

INFORMATIONAL RESOURCES:

Draft Environmental Impact Statements

1) Cannabis Eradication on Non-Federal and Indian Lands in the Contiguous United States and Hawaii (May 1985).

2) Eradication of Cannabis of Federal Lands in the Continental United States (May 1984).

Final Environmental Impact Statement on the Eradication of Cannabis on Federal Lands in the Continental United States (July 1985).

David Durham 475-8789
Environmental Protection Specialist, EPA

Thomas G. Byrne 202-633-1271
Deputy Assistant - Administration for Intelligence
Drug Enforcement Agency

AGENCY: Federal Aviation Administration
Dept. of Transportation

AGENCY DESCRIPTION:

The Federal Aviation Administration (FAA) controls the navigable airspace in the United States. The FAA regulates all air commerce and all civilian and military operations in U.S. airspace. FAA is responsible for locating, operating and maintaining Federal visual and electronic aids to air navigation.

The Northwest Mountain Region of the FAA has jurisdiction over Idaho, Oregon, and Washington. Land under FAA control includes: 624 acres in Idaho, 860 acres in Oregon, and 171 acres in Washington.

DATA PROVIDED:

The FAA provided a summary sheet of pesticides actually used (and locations) for FY's 1984 & 1985. Pesticide quantities are for product formulations.

PESTICIDE USE AND DISPOSAL:

Herbicides are used primarily to control vegetation at radar sites. In Washington, FAA used 2,000 lbs. of monuron TCA (during 1984 & 1985). In Oregon, FAA used glyphosphate (18 gal.), atrazine (45 lbs.) and simazine (90 lbs.) during 1984 & 1985.

FUTURE USE:

Pesticide use in 1986 should be comparable to pesticide use in 1985 and 1984. If funding permits, all pesticide applications will be done by contract in 1986.

INFORMATIONAL RESOURCES:

Bill Shoemaker 446-2476
Maintenance Engineering Branch

AGENCY: Army Corps of Engineers
(within the Dept. of the Army)

AGENCY DESCRIPTION:

The Army Corps. of Engineers (ACOE) serves as the Army's real property manager. ACOE manages and executes engineering, construction and real estate programs for the Army and Civil Works Programs. ACOE responsibilities include administering laws (pertaining to Civil Works Programs) for protecting and preserving navigable waters and wetlands.

ACOE's Pacific Division includes all of Washington and most of Oregon and Idaho. Small portions of both Idaho and Oregon are within ACOE's South Pacific Division. Land administered by ACOE includes 62,538 acres in Idaho, 110,899 acres in Oregon, and 103,182 acres in Washington.

DATA PROVIDED:

ACOE provided information for pesticides actually used during the 1984 calendar year. ACOE also provided estimates for pesticide use for the 1985 calendar year. Pesticide quantities are for active ingredients.

PESTICIDE USE AND DISPOSAL:

A very wide variety of pesticides is used by ACOE. Pesticide use is primarily for controlling aquatic and terrestrial vegetation at 27 water resource project locations in Idaho, Oregon and Washington.

Pesticide disposal is by utilizing all pesticides purchased and disposing of the container as directed by the container's label.

FUTURE USE:

Estimates for 1985 CY pesticide usage is comparable to 1984 CY actual use data.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list, developed by EPA's Office of Pesticide Programs, identifies certain pesticides as probable leachers and potential contaminants. Pesticides on EPA's Priority I list include: simazine, bromacil, dicamba, picloram and tebuthiuron. Pesticides on EPA's Priority II list include: diuron and disulfoton. These pesticides were used by ACOE in 1984 and maybe used by ACOE for future pest control operations.

INFORMATIONAL RESOURCES:

Orin Beckwith 423-4087
North Pacific Division, Construction-Operations

AGENCY: Dept. of the Army
(excluding the Army Corps of Engineers)

AGENCY DESCRIPTION:

The Army's primary mission is to organize, train, and equip active duty and reserve forces for the preservation of peace, security and the defense of the United States.

The Army administers over 1,884 acres in Idaho, 17,609 acres in Oregon and 348,549 acres in Washington. There are no Army installations in Idaho. In Washington, Army installations include Fort Lewis and the Yakima Firing Range. In Oregon there is the Umatilla Depot.

DATA PROVIDED:

Army facilities file monthly Pest Control Reports which provides information on pesticides actually used. The Umatilla Army Depot provided reports from January 1985 to June 1985. The Fort Lewis facility (which also files reports for the Yakima Firing Range) provided reports from July 1984 - June 1985. Pesticide quantities are for active ingredients.

PESTICIDE USE AND DISPOSAL:

The Army uses a variety of herbicides and insecticides for controlling vegetative and insect pests. Examples of pesticides used at the Fort Lewis installations include: bromacil (7,300 gallons), diazinon (3,422 gallons), malathion (18,300 gallons) and 2,4-D (52,796 gallons). Pesticide use at the Umatilla Depot is primarily for weed control. Bromacil (16,000 gallons) was used between January and June 1985.

Little or no use of wood preservatives exist because wood acquired is pre-treated.

FUTURE USE:

Pesticide usage for 1986 should be comparable to pesticide usage for 1985.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Office of Pesticide Programs identifies certain pesticides as probable leachers and potential contaminants. Pesticides on EPA's priority I list include bromacil and hexazinone. These pesticides were used in large quantities by the Army.

INFORMATIONAL RESOURCES:

Dan Bandel 202-272-0593
Army, Washington, D.C.

Al Overland 206-967-4905
Fort Lewis, WA.

Jack Rosebush 309-782-4232
For information pertaining to Umatilla Depot

AGENCY: Dept. of the Air Force

AGENCY DESCRIPTION:

This military agency is responsible for providing an Air Force that is capable of preserving the peace and security of the United States.

Air Force installations include: Mt. Home Air Force Base (AFB) in Idaho, Kingsley Field AFB in Oregon, and Fairchild AFB and McChord AFB in Washington. Land administered by the Air Force includes: 2,893 acres in Idaho, 172 acres in Oregon, and 2,904 acres in Washington.

DATA PROVIDED:

Air Force installations submit "Pest Management Program Review" reports for proposed pesticide uses. These reports (approved) were provided by the Air Force for Mt. Home AFB, McChord AFB, and Fairchild AFB for the time period between April 1985 and March 1986. Quantities (of pesticides applied) were not provided since quantities used will depend on the occurrence and magnitude of any particular pest. Pesticide quantities are for active ingredients.

Actual pesticide use data for McChord AFB for FY 1984 was also provided. That data was incorporated into this narrative write up (see pesticide use & disposal).

PESTICIDE USE AND DISPOSAL:

The Air Force uses a wide variety of pesticides to control primarily insects, vegetation and rodents. Examples of pesticides types and quantities actually used at McChord AFB during FY 1984 include: diazinon (15 lbs.), malathion (15 lbs.), 2,4-D (76 lbs.), 2,4-D/2,4,5-T (93 lbs.) and anticoagulants (79 lbs.).

Air Force installations attempt to purchase only as much pesticide needed to achieve effective pest control. Excess pesticides are transferred to other installations, or disposed of via the nearest Defense Property Disposal office. Pesticide containers are disposed of in accordance with the container's label instruction.

FUTURE USE:

No major changes in pesticide use is anticipated.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Ofice of Pesticide Program identifies pesticides which have a strong leaching ability. Dicamba and chlordane are on EPA's Priority I list. Prometon and diuron are on EPA's Priority II list. These pesticides have the potential for use by Air Force installations in 1985 & 1986.

INFORMATIONAL RESOURCES:

Major George K. Pratt 904-283-6283
Pest Management Program Manager - USAF

AGENCY: Dept. of the Navy

AGENCY DESCRIPTION:

The Navy's primary mission is to protect the United States and maintain freedom of the seas through use of an effective naval force.

There are no naval installations in Idaho or Oregon. Naval installations in Washington include: Whidbey Island Naval Air Station (NAS), Bangor Naval Sub Base (NSB), Keyport National Undersea Warfare Engineering Station (NUWES), Bremerton Naval Shipyard Pacific Beach Naval Facilities (NF) and Seattle Naval Station (NSA).

Land administered by the Navy includes 47,587 acres in Oregon, 17,939 acres in Washington and 22 acres in Idaho.

DATA PROVIDED:

The Navy has a centralized recordkeeping system for pesticide information. The most recent information available was actual pesticide use for FY 1983. Installations for which the Navy provided information for include: Bremerton NSY, Whidbey Island NAS, and Bangor NSB. Pesticide quantities are for active ingredients.

PESTICIDE USE AND DISPOSAL:

The Navy uses pesticides primarily to control vegetative pests. During FY 1983 Whidbey Island NAS used the largest quantities of pesticides. Examples of pesticides used at Whidbey Island NAS include: bromacil (14,384 lbs.), diuron (13,663 lbs.), lime sulfur (5,048 lbs.), and 2,4,5-T (870 lbs.).

Pacific Beach reported zero pesticide use for FY 1983.

Conversations with Navy staff indicate that 1985 pesticide use was comparable to the data reported for 1983.

Pesticide disposal alternatives include: using it up, transferring it to another Naval activity, turning it in to the Defense Property Disposal Service, chemical degradation (in accordance with EPA regulations) and contracting out the pesticide disposal.

Most Naval installations have inhouse staff who apply the majority of pesticides used. The exception is for Bangor NSB which contracted the bulk of its pesticide applications.

FUTURE USE:

No change in pesticide types or quantities is anticipated.

AREAS OF CONCERN:

A "Potential Groundwater Contaminant" list developed by EPA's Office of Pesticide Programs identifies certain pesticides as probable leachers and potential contaminants. Pesticides on EPA's Priority I list include bromacil, 2,4,5-T, and dicamba. EPA's Priority II list includes diuron. These pesticides were used previously and maybe used for future pest control programs.

Disposal problems currently exist for the pesticides 2,4,5-T and DDT. Quantities of each are stored at Naval facilities. The 2,4,5-T is owned by the Navy and the 2,4,5-T manufacturer will not accept any more returned 2,4,5-T. Although barrels of DDT are stored at Navy facilities, the Navy does not own the DDT. The Defense Logistics Agency owns the DDT. Surplus DDT used to be sent to foreign countries (largely for mosquito/malaria control) but some problems have arisen. The World Health Organization is requiring special packaging and labeling when shipping DDT. Navy staff asked if disposal options existed for either 2,4,5-T or DDT.

INFORMATIONAL RESOURCES

Dr. Robert Brelarski
Environmental Quality Division
202-325-8175

William Gebhart
Environmental Quality Division
202-325-8175

Reese Christopherson
415-871-7522

SECTION III

IDAHO

OREGON

WASHINGTON

IDAHO - DATA FORMS

DATA FORM - FEDERAL AGENCIES

AGENCY: Animal & Plant Health Inspection Service, Dept. of Agriculture, Idaho

STAFF: Andy Adams, Western Regional Office

PHONE: 460-4364

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 85 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Carbaryl	Sevin 4l	115,027 gallons	Idaho Counties: Bannock, Elmore, Jefferson, Owyhee, Power	grasshoppers	
Malathion	Malathion ULV	352,013 gallons	Idaho Counties: Ada, Adams, Bingham, Blaine, Canyon, Clark, Cassia, Jefferson, Jerome, Gooding, Lincoln, Minidoka, Payette, Twin Falls, Owyhee, Oneida, Washington	grasshoppers	

DATA FORM – FEDERAL [redacted]

AGENCY: Caribou National Forest
USFS – Region 4
Idaho

STAFF: Garth Baxter
Forest Pest Mgmt

PHONE: 586-5257

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D + Dicamba	-	522 90 72	Soda Springs Ranger District Mount Pi7er Ranger District Milad Ranger District Pocatello Ranger Distrct	Noxious Weeds	684 lbs. = total use 90 lbs. applied by Grantees, licensees or Permittee 72 lbs. applied by other public agencie
2,4-D	-	110	↓	Noxious Weeds	
Picloram	-	81	↓	Noxious Weeds	
Carbaryl	Sevimol	20	Soda Springs Ranger District Mount Piler Ranger District	Mt. Pine Beetle Protection	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Coeur D'Alene Nursery STAFF: Ed Monnig CONTACT DATE: 7/26/85
USFS - Region 1 Human & Environmental Health
(Idaho) PHONE: 585-3134

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
DCPA	Dacthal	99	Coeur D'Alene Nursery	Annual weeds in seed beds	Herbicide
Diphenamid	Enide 90W	249.8		Annual weeds & grasses in seed beds	Herbicide
Simazine	Princep, 4G	6		Annual weeds & grasses	Herbicide
Napropiomide	Devrinol 50W	34.3		Annual weeds in nursery seedlings	Herbicide
Glyphosphate	-	22.5		Noxious Weed Control	Herbicide
Methylbromide Chloropicrin	-	11,060		Root rot, damping off fungi, soil borne insects	Fumigant
Diazinon AG 500	-	19		WWP Aphids Sod webworms	Insecticide
Chlorpyrifos	-	24		Sod webworms	Insecticide
Acephate	Orthene 75S	3	↓	Tussock Moth	Insecticide

DATA FORM - FEDERAL [redacted]

AGENCY: Payette National Forest
USFS-Region 4
Idaho

STAFF: Garth Baxter
Forest Pest Mgmt

PHONE: 586-5257

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphiate	Roundup	135	Weizer Ranger District Council Ranger District New Meadows Ranger District McCall Ranger District	Larkspur	
Dicamba	Banvel	193	↓	Noxious Weeds	
2,4-D	-	216	↓	Noxious Weeds	
					* 1985 Use similar to 1984 us For 1985 - using some strychnine for rodent control, and some cyanide for porcupine cont

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Salmon National Forest
USFS - Region 4
Idaho

STAFF: Garth Baxter
Forest Pest Mgmt

PHONE: 586-5257

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D	-	80	All Ranger Districts	Noxious Weeds	
Dicamba	Banvel	35	↓	Noxious Weeds	
Picloram	Tordon	12	↓	Noxious Weeds	
					* 1984 data similar to 1984 data except for: - no longer using banvel on the forest - no pesticide applied on the Cobalt Ranger distr. for 1985.

DATA FORM - FEDERAL [redacted]/PESTICIDE[redacted]

AGENCY: Sawtooth National Forest
USFS - Region 4
Idaho

STAFF: Garth Baxter
Forest Pest Mgmt.

PHONE: 586-5257

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Round Up	4	Burley Ranger District	white top- noxious weed control	total lbs used = 322.25
		20	Ketchum Ranger District	Lark spur	
		48.25	Sawtooth National Recreation Area	Noxious Weeds	
		250	Fairfield Ranger District	Leafy Spurge	
Picloram	Tordon 22k	36	Burley Ranger District	Musk Thistle Spotted knapweed Black Henbane	total lbs used = 1,913.3
	Tordon 212	15	D-2	Scotch thistle	
	Tordon 2k pellets	17.5	Sawtooth National Recreation Area (SNRA)	Spotted knapweed Yellow toad flax	
		1,844.8	Fairfield Ranger District	Leafy Spurge Larkspur	
Dicamba	Banvel	24	SNRA	Noxious weeds	
2,4-D + 2,4-D Ester	—	72	SNRA Fairfield Ranger District	Noxious Weeds	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Targhee National Forest
USFS - Region 4
Idaho

STAFF: Garth Baxter
Forest Pest Mgmt

PHONE: 586-5257

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychinine	—	10.6	All Ranger districts	Rocky Mtn. Pocket Gopher	
Picloram	Tordon 22k Tordon 101	12 19	↓	Leafy Spurge Musk thistle	total lbs = 31
Pentachlorophenol	Penta	6 gallons	↓	Wood Rot	for 1,000 ft posts
2,4-D/Dicamba	2,4-D/Banvel	12	↓	Leafy Spurge	
					* 1985 data similar to 1984. - Island Park Ranger district receives less pesticide applications than other 4 ranger districts

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration / Department of Energy

STAFF: Fay L. Shon / Natural Resource Specialist

PHONE: 425-2036

CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Tebuthiuron	Spike 1G	32,300 lbs.	Puget Sound Area WA, West of the Cascades	Rights of Way - Tall Growing plant species threatening reliability of Power lines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & woody brush if it prevents access for maintenance or safe working conditions	
Glyphosphate	Roundup	3 gallons	↓		
Dicamba	Banvel CST	10 gallons	Upper Columbia Area WA, east of the Cascades Northern ID, & limited areas of Montana		
Picloram	Tordon 101	25 gallons	↓	Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries	
Tebuthiuron	Spike 1G	31,000 lbs.	↓		
Dicamba	Banvel CST	10 gallons	Snake River Area Western OR, Southern ID, & limited areas of WY.	Rights of Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, & others as necessary.	
Tebuthiuron	Spike 80W	40 gallons	↓		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration / Department of Energy STAFF: Fay L. Shon, Natural Resource Specialist PHONE: 425-2036 CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Prometon	Pramitol 5PS	23,800 (lbs)	Snake River Area OR, Eastern Cascades Southern ID & limited areas in WY	Rights of-Way - Tall Growing plant species threatening reliability of Powerlines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & Woody brush if it prevents access for maintenance or safe working conditions Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries Rights of-Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, & others as necessary.	
Tebuthiuron	Spike 1G Spike 80W	18,040 (lbs)	↓		

AGENCY: Idaho Operations Office Dept. of Energy

STAFF: Bill Harrie Industrial Hygenist

PHONE: 583-1532

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 85 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bendiocarb	Ficam	Unknown	In + on buildings	Various insects	quantity not estimated
Diazinon	Diazinon 4E	↓	Unknown	Insects, flies, ants, spiders earwigs	↓
Dicamba	Banvel 4-0-S	50 gallons	Near facilities	Broadleaf weeds Sagebrush	
Diphacinone	Diphacin 110 Concentrate	Unknown	Spot treatment	Rats + mice	quantity not estimated
Glyphosphate	Roundup	Unknown	Spot treatment	Annual + perennial weeds	↓
Maleic hydrazide	Royal Slo-Gro	4,000 gallons	Near facilities	Green vigourous plants	
Mefluidide	Embark	19 gallons	↓	Turfgrass + broadleaf vegetation	
Methyl Carbamate	Ficam W	Unknown	Spot treatment	Cockroaches, ants, bees, firebrats, wasps, sow bugs, ground beetles, millipedes, centip Scorpions, fleas	spiders, earwigs, crickets, silver
—	Oust	200 gallons	Near facilities	Broadleaf Weeds	

DATA FORM - FEDERAL [illegible]

AGENCY: Idaho Operations Office Dept. of Energy

STAFF: Bill Harrie Industrial Hygenist

PHONE: 583-1532

CONTACT DATE: 7/26/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 85 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Phosmet	Imidan	Unknown	Near facilities	Outside pests	
Prometon	Pramitol 5PC	1400 lbs.	↓	All Vegetation	
Propoxur	Baygon 70WP	Unknown	↓	Ants, flies, spiders, earwigs	
Pyrethrins	Pyrenone Fog Concentrate	↓	↓	Flies, Flying insects	
Tebuthiuron N-E	Spike	500 lbs.	↓	All Vegetation	
2,4-D	— Dacamine 360	Unknown	↓	Broadleaf Weeds + thistle Dandelions	
Warfarin	—	Unknown	Spot treatment	Rats + Mice	

AGENCY: Bureau of Indian Affairs
Dept. of the Interior
Idaho

STAFF: Bob Taylor
Area Environmental Coordinator

PHONE: 429-2208

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Acrolein or Magnacide H	-	*	Fort Hall Indian Reservation	Sago & Richardson pond weed, filamentous green algae, Blue-green algae	* Application Rate .25 (¼ gal. per CFS) for ~ 150 miles
Glyphosphate	Rodeo	350 lbs.	Fort Hall Indian Reserv.	Crabgrass, foxtail, Mustard tansy, sunflower, thistle, knapweed, quackgrass, Reed Canary grass, Johnson grass	
	Roundup	324 lbs.	Nez Perce Indian Reservation	Redstem ceanothus, ninebark, maple, willow, thimbleberry	
Prometon	Pramitol 5PS	8,712 lbs	Fort Hall Indian Reserv.	Mustard tansy, thistle, knapweed, puncture vine.	
2,4-D Amine	Weedar 64	1900 lbs	Fort Hall Indian Reservation	Mustard tansy, thistles, Poison ivy, puncture	knapweed, willow, cattlebutt, vine, Leafy spurge, Larkspur.

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Land Management, Dept. of the Interior, Idaho & Oregon STAFF: Buck Waters CONTACT DATE: 7/31/85

PHONE: 653-8864

PESTICIDES USED ✓ FY 85 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
tebuthiuron	Grasslan	600 lbs	Idaho	—	
2,4-D	-	30 lbs	Idaho	—	
dicamba	banvel	60 lbs.	Idaho	—	
Strychnine	-	200 lbs	Idaho	-	
Zinc Phosphide	—	50 lbs.	Oregon	-	

AGENCY: Bureau of Land Management, Dept. of the Interior, Idaho STAFF: Steve Ellis CONTACT DATE: [redacted]/97/05

PHONE: 554-9516

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Dicamba	–	1,320	Idaho	Noxious Weeds	Quantities are annual estimates for application for lbs. of active ingredients.
Glyphosphate	-	15			
Picloram	Tordon 22k Tordon 2k	904			
2,4-D	–	780			
2,4-D + Dicamba	–	9,750			

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation
Dept. of Interior
Idaho

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

* Quantities are for product formulations.

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Atrazine	-	200 lbs.	Minidoka Project ID Palisades Dam	all annual & perennial vegetation	
Chlorpyrifos	-	1 gallon	Minidoka Project - ID American Falls Visitor Center	Poisonous Spiders	
Dicamba	-	60 lbs.	Minidoka Project - ID American Falls Reservoir	Canada thistle, musk thistle, cocklebur, halogeton, spotted knapweed, henbane, Puncture Vine, Poison Ivy.	Mostly used in conjunct with 2,4-D.
		9 gallons	Teton Project - ID Fremont County		
		9 gallons	Minidoka Project - ID		
		.75 gallons	Mann Creek Reservoir - WA County - ID		
		2 gallons	Cascade Reservoir - Valley County ID		
		4 gallons	Minidoka Project - ID - Pallisades Reservoir		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation
Dept. of Interior
Idaho

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

* Quantities are for product formulations

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Diuron	-	160 lbs.	Minidoka Project ID Pallisades Dam	Annual + perennial Vegetation	
Glyphosphate	-	8 gallons	Minidoka Project · ID	Musk thistle, Canada thistle, reed Canarygrass, tansy kochia, willows, broadleaf weeds,	
	-	2 gallons	Montour Area - ID Gem County		
	-	2 gallons	Minidoka Project - ID Palisades Reservoir		
	Rodeo	15 gallons	Teton Project · ID Fremont County		
Malathion	-	2.25 gallons	Minidoka Project, ID Walcott Park	Mosquitoes	
Prometon	Pramitol 5PS	1,760 lbs.	ID - Transmission line rights-of-way	Annual + biennial grass + broadleaf weeds	
		350 lbs.	Minidoka Project - ID Pallisades Dam		
Picloram	-	1 gallon	Pallisades Dam	noxious weeds	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation
Dept. of Interior
Idaho

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

* Quantities are for product formulations

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D Amine	-	4 gallons	Montour Area - ID Gem County	Canada thistle, white top, poison hemlock, reed canary grass, jointed goat grass.	
2,4-D L.V. Ester	-	2.5 gallons	↓	↓	
2,4-D	-	5 gallons	Mann Creek Reservoir WA County - ID	Canada + Musk thistle, Puncture vine, poison ivy, leafy Spurge spotted knapweed, dyers woad, toadflax, henbane	
	-	8 gallons	Cascade Reservoir Valley County - ID		
		11 gallons	Minidoka Project ID Palisades Reservoir		
		40 gallons	Minidoka Project - ID		
		278 gallons	Minidoka Project - ID A+B Irrigation District		
		34 gallons	Teton Project - ID Fremont County		
	Decamine 4D	1 gallon	Minidoka Project - Bingham	County	

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Idaho

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Atrazine	Aatrex 80 W	210 99 lbs	Kootenai NWR	Vegetation	NWR = National Wildl Refuge
Barban	Carbyne	240 lbs.	Kootenai NWR	Wild Oats	
Dalapon	Dowpon M	100 lbs.	Kootenai NWR	Cattail	Quantities calculated by multiplying rate of application time acreages.
Dichlobenil	Casoron	200 – 10,000 lbs	Deerflat NWR	annual + perennial weeds	
Diuron + Bromacil	Krovar - I	Unknown	Deerflat NWR	↓	
glyphosphate	Round - Up	37.5 gallons	Kootenai NWR	quackgrass	
Tebuthiuron	Graslan	40 lbs	Deerflat NWR	Willow, Wild Rose, currants	
2,4-D + Dicamba	2,4-D Amine + Banvel	525 lbs.	Kootenai NWR	Canadian thistle, tansy, knapweed,	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Fish + Wildlife Service Dept. of Interior

STAFF: Vern Cunningham

PHONE: 429-6167

CONTACT DATE: 8/13/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

* Data for the Animal Damage Control Program obtained from the 1984 annual report

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine grain	-	34,965 lbs	See Comments	Rodents - Rocket Gophers, Ground Squirrels, Mice, porcupines	* The data presented is for Region I which includes WA, OR, ID, CA, NV + HI.
Strychnine Salt Blocks	-	469 blocks	↓	↓	
Zinc Phosphide Grain Bait	-	9,795 lbs	↓	↓	
DRC-1339	-	17 lbs	↓	Birds - starlings, Pigeons	
DRC-1339 Pellets	-	700 lbs	↓	↓	
Strychnine bait	-	500 lbs	↓	↓	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: National Park Service (Dept. of Interior) STAFF: Edgar Menning Resource Mgmt Specialist CONTACT DATE: 8/1/85

PHONE: 206-442-5670

PESTICIDES USED ✓ FY ___ CY 85 OTHER Data available - 1/85 - 4/15/85

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Chloropyrifos	Dursban		Olympic National Park	Termites	
Glyphosphate	Roundup		Fort Clatsop National Memorial Nez Perce National Historic Park Whitman Mission N.H. Site Fort Vancouver N.H. Site Mt. Rainier National Park	Noxious Weeds Poison Hemlock Blackberries Star Thistle Scotch Thistle	
	M-1		Rainier National Park	Structural Protection	
	Safer's Insecticidal Soap		Rainier National Park	Green House Use	
	Moss Out		Rainier National Park		
	Superior Type Oil Spray		Fort Vancouver N.H. Site Whitman Mission N.H. Site	Orchard Protection	
	Lime Sulphur		↓	↓	
	Captan 50-W				
	Diazinon		↓	↓	
Picloram	Tordon 22K		Whitman Mission N.H. Site	Knapweed Yellow Star Thistle	
d-phenothrin	Sumithrin		Rainier National Park	Aphids	
Silica Gel	Drione		Nez Perce N.H. Park	Dermestids	
↓	Dri-Die		Fort Vancouver N.H. Site	Carpenter Ants	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: National Park Service (Dept. of Interior)

STAFF: Edgar Menning
Resource Mgmt Specialist

PHONE: 206-442-5670

CONTACT DATE: 8/1/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
dicamba	Banvel		Whitman Mission N.H. Site	Knapweed yellow Starthistle	
	Cuasol 5		Fort Vancouver N.H. Site	Moss	
	Polysul Spray		Whitman Mission N.H. Site	Orchard	
	Cutrine		Cabee Dam NRA	Algae	

AGENCY: Drug Enforcement Agency (Depart. of Justice) IDAHO

STAFF: Thomas G. Burne, Deputy Assistant - Admin. for intelligence

CONTACT DATE: [redacted]

PHONE: 202-633-1271

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 86 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Roundup	177 34.5	Federal lands Non Federal Lands	Marijuana (Cannabis sativa) -immature plants	* Quantities are estimat calculated from DEA acreage estimates of Cannabis plots. DEA provided the rates of application to be usi (acreage x application rates = quant
Paraquat	Ortho Paraquat-Plus	59 11.5	Federal Lands Non Federal Lands	Marijuana -Mature Plants	
2,4-D	Esteron 99 Concentrate	336.3 65.6	Federal Lands Non Federal Lands	Marijuana -immature plants	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Army Corps of Engineers
Idaho

STAFF: Orin Beckwith
North Pacific Division

PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Amitrol	Amitrole T	1.7 gallons	Lucky Peak Project Ida County - ID Boise River System	Broadleaf weeds, Grasses	
Dipotassium Salt of Endothall	Aquathol k	20 gallons	↓	Aquatic weeds	
2,4-D	Dow Formula 40 —	4.3 gallons 60 gallons	Lucky Peak Project Ida County - ID Ice Harbor Project	Russian thistle Broadleaf Weeds	
Zinc Phosphide	—	100 Baits	Lucky Peak Project Ida County - Idaho	Vole	
Bromacil & Diuron	Krovar I	36 lbs	Lucky Peak Project Ida County - Idaho	Roadside Weeds	

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith CONTACT DATE: [redacted]

North Pacific Division

Idaho PHONE: 423-4087

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Asulum	Asulox	12 gallons	Dworshak Project Clearwater County	Bracken Fern	
Glyphesphate	Roundup.	3 gallons	↓	Vegetation	
Diazinon	—	12 lbs	↓	Spiders	
Malathion	—	125 gallons	Lucky Peak Project Ada County	Grasshoppers	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Army Corps of Engineers Washington & Idaho

STAFF: Orin Beck with North Pacific Division

PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Rodeo Roundup	10 gallons 10 gallons	Lower Granite Project Snake River System (WA + ID)	Canada Thistle Bindweed, Rye, Scotch + yellowstar thistles	
Dicamba	Banvel 10G	49 gallons		yellowstar thistle Canada thistle	
Picloram	Tordan 22K	1 Gallon		yellowstar, Scotch, + Canada Thistles	
Bacillus thuringiensis	Bactimos Briquets	200 Briquets		Mosquito Larvae	
Copper elemental	Cutrine Plus	49 gallons		Algae (Hydrodictyon)	

DATA FORM - FEDERAL [redacted]

AGENCY: Army Corps of Engineers
Washington & Idaho

STAFF: Orin Beckwith
North Pacific Division

PHONE: 423-4087

CONTACT DATE: [redacted] 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D	DMA-4	180 gallons	Lower Granite Project (WA + ID)	Yellowstar, Canada, + Scotch thistles Kochia	
Mefluidide	Embark 2S	12 gallons	Lower Granite Project	Turf - growth Retardant	
Dicamba	Banvel	49 Gallons	Lower Granite Project	Thistles, Kochia	
Diquat Dibromide	Weedtrine Weed Killer System 711	300 gallons 10 gallons	Lower Granite Project	Elodia, Naiad, Cattail, Potamogeton	
Picloram	Tordon Beads	30 lbs	Lower Granite Project	Yellowstar, Scotch + Canada thistles	
Tebuthiuron	Spike	64 gallons	Lower Granite Project	Knotweed, Rye Kochia, Knotweed	

DATA FORM - FEDERAL [illegible]

AGENCY: Dept. of the Air Force
Mtn. Home AFB
Idaho

STAFF: Major George Pratt

PHONE: 904-283-6238

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER April 1985 - March 1986

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bendiocarb	Ficam W	Unknown	Mtn. Home AFB	Ants, earwigs,	
Carbaryl	Sevin			Army worms,	
chlorpyrifos	Dursban			aphids, german cockroaches	
Diazinon	-			Ants, clover mites, german cockroaches, earwigs,	
Dichlorvos	-			House flies	
d-Phenothrin				German Cockroaches	
Malathion	—			House flies, mosquitoes,	
Propoxur	Baygon 1.5			Cockroaches, Bees	
Pyrethrins	ULD GP-100 Insecticide	↓	↓	Earwigs	

OREGON - DATA FORMS

DATA FORM - FEDERAL AGENCIES...

AGENCY: Animal & Plant Health Inspection Service
Dept. of Agriculture
Oregon

STAFF: Andy Adams
Western Regional Office

PHONE: 460-4364

CONTACT DATE: 8/5/85

PESTICIDES USED ✓ FY 85 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bacillus thuringiensis	Bacillus thuringiensis Dipel 8 L	175,995 gallons **	Lane County, Oregon	Gypsy Moth	** 16 billion international unit (BIU's) per acre
Malathion	Malathion ULV	31,572 gallons	Malheur, Grant, & Baker Counties	Grasshoppers	

DATA FORM – FEDERAL FACILITIES/PESTICIDES

AGENCY: Region 6 – OR & WA * U.S. Forest Service

STAFF: Randy Perkins, Forest Pest Mgmt.

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
No Pesticide Use		0	* Siuslaw National Forest (OR); Colville National Forest (WA); Mt. Baker–Snoqualmie National Forest (WA); Okanogan National Forest (WA); Olympic National Forest (WA); Wenatchee National Forest (WA)		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Deschutes National Forest
USFS - Region 6 -
OREGON

STAFF: Randy Perkins
Forest Pest Mgmt.

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Borax	—	37.5	Sister's Ranger District	Fomes Annosus Root Rot	Fungicide For 1985, probably no used
Methyl Bromide Chloripictrin	—	7,245	Bend Pine Nursery	Fusarium & Pythium Soil Pathogens	Fumigant
Strychnine	—	9	Bend Ranger District Sisters Ranger District	Pocket Gopher	Rodenticide
BGR (Big Game Repellant)	—	531.2	Fort Rock Ranger District Sisters Ranger District	Deer Repellant	Repellant - Applied by hand spray

* 1985 data similar to 1984

** Deschutes National Forest filed a "Notification of Hazardous Waste Activity" form with EPA - RCRA division in July 1985 The form listed the following chemicals as being generated waste.

P108 - Strychnine 1,250 lbs.
P122 - Zinc Phosphide 2,500 lbs.
U240 - 2,4-D 500 lbs

AGENCY: Fremont National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	–	34.8	On a 4 of the Forest's Ranger Districts	Gophers	Rodenticide
BGR (Big Game Repellant)	–	265.1	Paisly Ranger District	Deer repellant	Repellant
					# 1985 data similar to 1984 data In 1985, about 5 lbs of Sevin/Carbaryl were used for grasshopper control on the Bly Ranger District

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Malheur National Forest
USFS · Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	—	1.7	—	Pocket Gophers	Rodenticide

DATA FORM - FEDERAL FACILITIES/[redacted]CIDE[redacted]

AGENCY: Mt. Hood National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED V FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	—	.1	Barlow Ranger District	Gophers	Rodenticide

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Ochoco National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt.

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	-	47.4 (AI)	Big Summit Ranger District Paulina Ranger District Prineville Ranger District Snow Mtn. Ranger District	Gophers	rodenticide
Bacillus thuringiensis	-	16,980 BIU's	Prineville Ranger District	Spruce Budworm	

DATA [redacted] - FEDERAL FA[redacted]IES/[redacted]CIDE[redacted]

AGENCY: Rogue River National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Simazine	—	1,119	Prospect Ranger District Butte Falls Ranger District Ashland Ranger District	Grass-forbs	Herbicide Ashland Ranger District quantity = 718
Atrazine	—	1,632	Prospect Ranger District Butte Falls Ranger District Ashland Ranger District	Grass-forbs	Herbicide Ashland Ranger District quantity = 1,00
Dalapon	—	471	Prospect Ranger District Butte Falls Ranger District Ashland Ranger District	Grass-forbs	Herbicide
Triclopyr	—	63	Butte Falls Ranger District	Brush	Herbicide
2,4-D	—	30	Butte Falls Ranger District	Brush	Herbicide
Strychnine	—	10.2	Prospect Ranger District Butte Falls Ranger District Ashland Ranger District	Pocket Gophers	Rodenticide
Amitrole	—	10	Jackson County	Vegetation	Herbicide - Applied by Jackson County
Diuron	—	50	Jackson County	Vegetation	" " " " " " " "
					* For FY-1984 - No pesticide use on the Applegate Ranger District For FY-1985 - No pesticide use on the entire forest

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Rogue River National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Methyl Bromide (67%)	—	26,070	J. Herbert Stone Nursery	Soil-borne Pathogens, Weed Seeds, Soil insects	Fumigant
Glyphosphate	—	4.1		Weeds	Herbicide
Oxyfluorfen	—	36		Annual weed + grass control	Herbicide
Banrot	—	45.9		Root rot fungi	Fungicide
Botran	—	48		Needle fungi in Seedlings	Fungicide
Metalaxyl	Ridomil Subdue	86.5		Phytophora root rot fungi	Fungicide
Bravo 500	—	52.2		Storage molds on Stored conifer seedlings	Fungicide
Rubigan	—	.5	↓	lawn diseases (rusts + molds)	Fungicide

[redacted] DATA [redacted] - FE[redacted] FAC[redacted]ES/F[redacted]IDES [redacted]

AGENCY: Siskiyou National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/2[redacted]8 5[redacted]

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Triclopyr	–	296	240 lbs - Chetco Ranger District 56 lbs - Gold Beach Ranger District	Hardwood brush	Herbicide
					* 1985 data similar to 1984. In 1985, some strychnine use on Brookings Ranger District for gopher control.

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Umpqua National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt.

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Putrescent eggs	—	1,610	Cottage Grove Ranger District	Deer + Elk repellent	Repellent

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Umatilla National Forest
USFS -- Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	-	4.6	Heppner Ranger District + Ukiah Ranger District	Pocket Gophers	Rodenticide
Atrazine	-	176	-	Vegetation (Rt. of way)	Herbicide - Used by OR State Highway Division
Diuron	Karmex	88	-	" " "	Herbicide - Used by OR State Highway Division

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Umpqua National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Chlorothalonil	-	.2	Cottage Grove Ranger District	Sirococcus strob. linus Shoot blight	Fungicide
Lime Sulfur	-	.4	Dorena Tree Improvement Center	Powdery Mildew	Fungicide
ethazol	Truban	.2	↓	Damping Off	Fungicide
Bordeax Mix	-	8.2		Dothistroma pini	Fungicide
Metalaxyl	Subdue 2E	.7		Pythophthora	Fungicide
Acephate	Orthene	2.5		Cone Insects	Insecticide
Malathion	-	.8		Aphids	Insecticide
Eaton's A-C formula 50	Rodenticide	.4		Mice, Rats	Rodenticide

DATA FORM – FEDERAL FACILITIES/PESTICIDES

AGENCY: Wallowa-Whitman National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	–	21.1	Baker Ranger District Wallowa Valley Ranger District Hell's Canyon National Recreation Area Pine Ranger District Unity Ranger District	Pocket Gopher	Rodenticide

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Willamette National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Roundup	40	-	Vine Maple	Herbicide
Strychnine	—	18.8	-	Pocket Gopher	Rodenticide
BGR (Big Game Repellent)	—	2,254		Big Game Control	Big Game repellent

DATA FORM - FEDERAL FACILITIES/[redacted]

AGENCY: Winema National Forest
USFS - Region 6
Oregon

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-27-27

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine Alkaloid	-	60	Chiloquin Ranger District (Cave Mt. Burn)	Pocket Gophers	Rodenticide

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration, Department of Energy STAFF: Fay L. Shon, Natural Resource Specialist PHONE: 425-2036 CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Tebuthiuron	Spike 5G Spike 6G	28,120 LBS	Lower Columbia Area OR, West of the Cascades	Rights of Way -Tall Growing plant species threatening reliability of Powerlines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & woody brush if it prevents access for maintenance or safe working conditions Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries Rights of Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, [illegible]	
Dicamba/2,4-D	Weedmaster Banvel 720 Banvel XP	14,700 gallons	↓		
Dicamba/2,4-D	Banvel 720 Weedmaster	2,200 Gallons	Puget Sound Area, WA, West of the Cascades		
Dicamba	Banvel 4WS	750 gallons			
2,4-D Amine	—	1,500 gallons			
Prometon	Pramitol 5PS	51,850 gallons	↓		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration / Department of Energy

STAFF: Fay L. Shon, Natural Resource Specialist

PHONE: 425-2036

CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Tebuthiuron	Spike 1G	32,300 lbs.	Puget Sound Area WA, West of the Cascades	Rights of Way - Tall Growing plant species threatening reliability of Powerlines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & woody brush if it prevents access for maintenance or safe working conditions Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries Rights of Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, & others as necessary.	
Glyphosphate	Roundup	3 gallons	↓		
Dicamba	Banvel CST	10 gallons	Upper Columbia River WA, east of the Cascade Northern ID, & limited areas of Montana		
Picloram	Tordon 101	25 gallons	↓		
Tebuthiuron	Spike 1G	31,000 lbs.	↓		
Dicamba	Banvel CST	10 gallons	Snake River Area Western OR, Southern ID, & limited areas of WY.		
Tebuthiuron	Spike 80W	40 gallons	↓		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration, Department of Energy STAFF: Fay L. Shon, Natural Resource Specialist CONTACT DATE: 7/24/85

PHONE: 425-2036

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Prometon	Pramitol 5PS	23,800 (lbs)	Snake River Area OR, Gulf of the Columbia Southern ID & limited areas in WY	Rights of Way - Tall Growing plant species threatening reliability of Powerlines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & Woody brush if it prevents access for maintenance or safe working conditions Substations; All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries	
Tebuthiuron	Spike 1G Spike 80W	18,040 (lbs)	↓		
				Rights of Way & Substations; Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, & others as necessary.	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Land Management, Dept. of the Interior, Idaho & Oregon STAFF: Buck Waters PHONE: 653-8864 CONTACT DATE: 7/31/85

PESTICIDES USED √ FY 85 CY __ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
tebuthiuron	Graslan	600 lbs	Idaho	—	
2,4-D	-	30 lbs	Idaho	—	
dicamba	banvel	60 lbs	Idaho	—	
Strychnine	-	200 lbs	Idaho	-	
Zinc Phosphide	—	50 lbs	Oregon	-	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Land Management, Dept. of the Interior, Oregon STAFF: Steve Ellis PHONE: 554-9516 CONTACT DATE: 9/19/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
glyphosphate	—	390	Oregon	Noxious Weeds	Quantities are annual estimates for application for lbs. of active ingredients
picloram	—	1,819			
2,4-D	—	2,280			
2,4-D + Dicamba	—	8,953			
2,4-D + Picloram	—	412			

DATA [redacted] - [redacted] FA[redacted]

AGENCY: Bureau of Land Management
Dept. of the Interior
Oregon

STAFF: Greg Simmons

PHONE: 429-6272

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Atrazine	-	1,417	Oregon	Vegetation competing primarily with the timber resource	Quantities are annual estimates for applications for lbs. of active ingredients
Atrazine + Dalapon	-	54,688	↓		
Atrazine, Dalapon + 2,4-D	-	6,776			
Atrazine + 2,4-D	-	1,200			
Asulam	-	104			
2,4-D	-	9,557			
2,4-D + Triclopyr	-	613			

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Land Management
Dept. of the Interior
Oregon

STAFF: Greg Simmons

PHONE: 429-6272

CONTACT DATE: 8/1/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Dalapon	–	90	Oregon	Vegetation competing primarily with the timber resource	Quantities are annual estimates for applications for lbs. of active ingredients
Dicamba	–	210	↓		
Diuron	–	1,896			
Glyphosphate	–	7,893			
Fosamine Ammonium	–	255			
Hexazinone	–	3,312			
MSMA	–	210			
Picloram	–	1,237			
Picloram & triclopyr	–	375			

DATA FORM - FEDERAL FA[redacted]ES/T[redacted]IDES

AGENCY: Bureau of Land Management
Dept. of the Interior
Oregon

STAFF: Greg Simmons

PHONE: 429-6272

CONTACT DATE: 8/1/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Triclopyr amine	—	8,580	Oregon	Vegetation competing primarily with the timber resource	Quantities are annual estimates for application for lbs. of active ingredients.
Triclopyr ester	—	38,461	↓		
Triclopyr ester + glyphosphate		270	↓		

DATA FORM - FEDERAL AGENCIES

AGENCY: Fish + Wildlife Service, Dept. of the Interior, Oregon

STAFF: Dave Lenhart

PHONE: 429-6160

CONTACT DATE: 8/15/00

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Aldicarb	Temik 15-6	5,920 lbs. gallons	Umatilla NWR	nematodes Aphids	NWR = National Wildlife Refuge
Atrazine	—	1,140 lbs	Willamette Valley Complex	wild grasses quack grass	Quantities calculated by multiplying rates of application times acreages.
Bromacil	Hyvar X	375 lbs	Willamette Valley Complex	annual bluegrass	
Chlorothalonil	Bravo 500	750 gal.	↓	Rusts	
CGA-64250	Tilt	62 gal	↓	Rusts & Mildew	
Chlorsulforon	GLEAN	1 gallon	Willamette Valley Complex	Broadleaf Weeds	
dicamba	Banvel	1,250 gallons	↓	Broadleaf plants thistles, weeds	
diclofop methyl	Hoelon	187 lbs	Willamette Valley Complex	Wild oats grassy weeds	
diuron	karmex	1,000 lbs.	↓	Volunteer grass	
DNBP	DINITRO	750 gal	Willamette Valley Complex	Broadleaf Weeds	
EPTC	Eptam	194 gal. 1,000 lbs	Umatilla NWR Willamette Valley Complex	Emergent weeds Volunteer Corn	
	Eradicane	1,200 lbs		Wild grasses	

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Oregon

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Ethofumesate	Nortron	3,000 lbs.	Willamette Valley Complex	annual bluegrass Rattail fescue	NWR = National Wildlife Refuge
fonophos	Dyfonate	500 gal	↓	Wireworm Root worm	
glyphosphate	Rodeo Round-Up	19 gal 3,000 lbs	Umatilla NWR Willamette Valley Complex	Purple loosestrife Quackgrass, Reed Canary grass	Quantities calculated by multiplying rates of application times acres
hexazinone	Velpar 4-L	76 gal.	Umatilla NWR	Broad leaved weeds	
maneb	maneb	280 lbs	Umatilla NWR	fungicide	
MCPA	MCPA Amine	3000 lbs	Willamette Valley Complex	Broadleave Weeds	
Metaldehyde	Snail Meta-Meal 4	60,000 lbs.	Willamette Valley Complex	slugs	
Methamidophos	Monitor 4	35 gallons	Umatilla NWR	Aphid - cutworms Potatoe Beetle -	
Metribuzin	Sencor-4 Lexone	292 lbs 111. lbs	Umatilla NWR	Weeds	
Nickel Sulfate	—	8,250 lbs.	Willamette Valley Complex	Rusts	

DATA FORM - FEDERAL FACILITIES/PESTICIDE...

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Oregon

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: 8/13/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Pendimethalin	Prowl	9 gallons	Umatilla NWR	Weeds, grasses	NWR = National Wildlife Refuge
Permethrin	Ambush Pounce	4 gal 4 gal	↓	Insects Weeds	Quantities calculated by multiplying rates of application times acreages.
Picloram	Tordon	?	Willamette Valley Complex	trees (by injection)	
Pronamide	Kerb 5-ow	100 lbs 303 lbs	↓ Umatilla NWR	annual grasses, weeds grass	
Sethoxydim	Poast	62 gal	Willamette Valley Complex	annual & perennial grasses	
Strychnine	Strychnine 1-10	1100 lbs	Umatilla NWR	pocket gophers	
2,4-D	Weed RTIAP 2,4-D Amine 4	6,000 lbs 300 ...	Willamette Valley Complex	Weeds	
Volck Oil	—	500 gal	Willamette Valley Complex	Broadleaved weeds	
Bromacil + Diuron	Krovar-I	2,400 lbs	Umatilla NWR	Weeds	
Dicamba + 2,4-D	Weedmaster	250 lbs 21 gal.	Willamette Valley Complex Umatilla NWR	Weeds	

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Oregon

DATA [redacted] - F[redacted]

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D + triclopyr	Esteron BK	562 gal	Willamette Valley Complex	weeds, trees, brush	1
MSMA	Mesamate 600	3,000 lbs.	↓	Wild Oats	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Fish + Wildlife Service Dept. of Interior

STAFF: Vern Cunningham

PHONE: 429-6167

CONTACT DATE: 8/13/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

* Data for the Animal Damage Control Program obtained from the 1984 annual report

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine grain	-	34,965 lbs	See Comments	Rodents Racket coppers Ground Squirrels Mice porcupines	* The data presented is for Region I which includes WA, OR, ID, CA, NV + HI.
Strychnine Salt Blocks	-	469 blocks	↓	↓	
Zinc Phosphide Grain Bait	-	9,795 lbs	↓	↓	
DRC-1339	-	17 lbs	↓	Birds - starlings Pigeons	
DRC-1339 Pellets	-	700 lbs	↓	↓	
Strychnine bait	-	600 lbs	↓	↓	

AGENCY: Bureau of Reclamation
Klamath District
Oregon

STAFF: Carl Tennis

PHONE: 460-5060

CONTACT DATE: 9/6[redacted]

PESTICIDES USED ✓ FY 82 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D	-	40 gallons	Klamath District Oregon	Vegetation	* Quantities in product formulation
Dicamba	-	10 gallons	↓	↓	
Bromacil	-	10 lbs.	↓	↓	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation, Dept. of Interior, Oregon

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

* Quantities are for product formulations

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4,5-TP	Silvex	34 Gallons	Owyhee Project - Oregon -	Salt Cedar	* 1985 is last year of Silvex use as old stock will be used up.
2,4-D DMA	-	20 gallons	↓	↓	
Atrazine	-	10 lbs.	Green Springs Power Plant Ashland, OR	Broadleafed & Grassy Weeds	
2,4-D		10 gallons	Tualatin Project - Scoggins Dam	Canada & Bull thistles Blackberries, poison oak, other noxious weeds	Dicamba & Glyphosphate also used in quantities less than 5 lbs.

AGENCY: Drug Enforcement Agency
Depart. of Justice
Oregon

STAFF: Thomas G. Burns
Deputy Assistant - Admin for Intelligence

CONTACT DATE: [redacted]

PHONE: 202-633-1271

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 86 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Roundup	630 151.5	Federal Lands Non Federal Lands	Marijuana (Cannabis sativa) - immature plants	* Quantities are estimates calculated from DEA acreage estimates of Cannabis plots. DEA provided the application rates to be used. (acreage x application rate = quantity)
Paraquat	Ortho Paraquat - Plus	210 50.5	Federal Lands Non Federal Lands	Marijuana - Mature Plants	
2,4-D	Esteron 99 Concentrate	1,197 287.9	Federal Lands Non Federal Lands	Marijuana - immature plants	

DATA FORM - FEDERAL FACILITIES/[illegible]

AGENCY: Federal Aviation Administration, Dept. of Transportation, Oregon + Washington STAFF: Bill Shoemaker, Maintenance Engineering PHONE: 446-2478 CONTACT DATE: 7/30/85

PESTICIDES USED ✓ FY ✓ CY __ OTHER 1984 + 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Monuron TCA	UROX	400 lbs 600 lbs 300 lbs 300 lbs 400 lbs	Moses Lake, WA Spokane, WA Walla Walla, WA Yakima, WA Seattle, WA	Vegetation	
Glyphosphate	Roundup	18 gal.	Redmond, OR		
Atrazine	Atrex	45 lbs	Redmond, OR		
Simazine	—	90 lbs	Redmond, OR		

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith
North Pacific Division
Oregon + Washington PHONE: 423-4087
CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil + Diuron	Krovar I (Bromacil)	350 lbs	McNary Project (OR+WA)	Weeds	
Dichlorophenyl	Capsine	1 gallon	McNary Project (OR + WA)	Broadleaf Weeds	
Diazinon	—	14 gallons	McNary Project (OR + WA)	Spiders	
Dichorvinal	—	2 gallons	McNary Project (OR + WA)	Spiders	
Chlorpyrifos Phosphorothioate	Dursban ISULV	5 gallons	McNary Project (OR + WA)	Mosquitoes	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Army Corps of Engineers STAFF: Orin Beakwith

Oregon + Washington PHONE: North Pacific Division 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Dichlobenil	Casoron	381.5 lbs	Bonneville Project Columbia River System	Weeds	
	Casoron G4	150 lbs	Lake Washington Ship Canal - WA		
	Casoron 46	400 lbs	McNary Project Columbia River System		
	Casoron	75 lbs	Ice Harbor Project Snake River System -WA-	Thistles, diffuse knapweed, Morning glory	
Triclopyr	Garlon 3A	3 gallons	Bonneville Project Columbia River System	Apple Maggots	
Glyphosphate	Roundup	2.3 gallons	Bonneville Project Columbia River System	Weeds	
		1 gallon	Rogue River - OR Jackson County		
		20 gallons	Wynoochee Project Grays Harbor County WA	Tansy Ragwort, Canada thistle	
		55 gallons	Mud Mountain Project Pierce County - WA		
		4 gallons	Lake Washington Ship Canal -WA-		
		40 gallons	Mid-Willamette Valley Project OR	Grass, blackberries	

AGENCY: Army Corps of Engineers — Oregon + Washington

STAFF: Orin Beckwith, North Pacific Division

PHONE: 423-4087

CONTACT DATE: 8/[redacted]5

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Oxadiazon	Ronstar G	213 lbs.	Bonneville Project Columbia River System	Broadleaf Weeds	
Disulfoton	Di-syston	485 lbs.	The Dalles Project Columbia River System	Aphids, Spider Mites	
Diazinon	-	22 lbs.	Mid-Willamette Valley OR	Aphids, Ants, Spider Mites	
Diuron	karmex	38 lbs.	Mid-Willamette Valley OR	Grass, brush, Annual weeds	
Cupric Hydroxide	Kocide 101	19 lbs	Mid-Willamette Valley OR	Fungus	
Triclopyr	Esteron BK	25 gallons 7gl	Hanson Project Blue River OR	Woody plants/brush	
Sulfotepp	Bladafum	2 canisters	Lake Washington Ship Canal - WA.	Aphids, Spider Mites, White flies, thrips	
Amitrole-T	Cytrol	1 gallon	Lake Washington Ship Canal - WA	Weeds	
		7 gallons	Blue River Project Lane County - OR	Woody Plants	

DATA FORM - [illegible]

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith CONTACT DATE: 8/18/88

North Pacific Division

Oregon + Washington PHONE: 423-4087

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Metacetalhyde	Metalhycle	50 lbs	Lake Washington Ship Canal - WA	Slugs, Snails	
Trimec	-	3 gallons	Lake Washington Ship Canal - WA	Weeds	
		3.85 gallons	Bonneville Project Columbia River System		
Simazine	Princep	50 lbs	Lake Washington Ship Canal	Weeds	
2,4-D	Lawn + Turf Weed killer	2 gallons	Lake Washington Ship Canal	Weeds	
	Weedmaster	2 gallons	Chief Joseph Project Douglas + Okanogen Counties - WA	Canada thistle, Russian knapweed	
	Weedar 64	210 gallons	Mill Creek Project Walla Walla County - WA -		

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith
North Pacific Division
Oregon & Washington PHONE: 423-4087

CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Ornitrol	-	156 lbs	Chief Joseph Project WA	Domestic Pigeons	

DATA FORM - FEDERAL AGENCIES

AGENCY: Dept. of the Army
Umatilla Army Depot
Oregon

STAFF: Bill Woodson

PHONE: 367-4062

CONTACT DATE: 8/14/85

PESTICIDES USED ✓ FY ___ CY ___ OTHER January 1985 - June 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Anticoagulant	Havoc	18 lbs	Umatilla Army Depot Oregon	Mice, Rats	
Bromacil	Highvar -X	16,000 gallons	↓	Weeds	
d-Phenothrin	-	26 lbs	↓	Ants	

WASHINGTON - DATA FORMS

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Region 6 - OR & WA * U.S. Forest Service

STAFF: Randy Perkins Forest Pest Mgmt.

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
No Pesticide Use		0	* Siuslaw National Forest (OR) Colville National Forest (WA) Mt. Baker-Snoqualmie National Forest (WA) Okanogan National Forest (WA) Olympic National Forest (WA) Wenatchee National Forest (WA)		

DATA[redacted] - [redacted]L FA[redacted]TIES/[redacted]CIDE[redacted]

AGENCY: Gifford Pinchot National Forest
USFS - Region 6
Washington

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine	—	271	Forest wide. Heaviest use occurs on the Mount Adams Ranger district & the Wind River area.	Pocket Gophers	Rodenticide
Triclopyr	—	82	—	Alder Big Leaf Maple	Herbicide

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Wind River Nursery
USFS - Region 6
(Washington)

STAFF: Randy Perkins
Forest Pest Mgmt

PHONE: 423-2727

CONTACT DATE: 7/24/95

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Chlorothalonil	Bravo 500	325 lbs A.I.	—	Botrytis, Fusarium	Fungicide
Benomyl	Benlate	55 lbs A.I.	—	Botrytis, Fusarium	Fungicide

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration / Department of Energy STAFF: Fay L. Shon, Natural Resource Specialist PHONE: 425-2036 CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Tebuthiuron	Spike 1G	32,300 lbs.	Puget Sound Area WA, West of the Cascades	Rights of Way - Tall Growing plant species threatening reliability of Power lines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & woody brush if it prevents access for maintenance or safe working conditions	
Glyphosphate	Roundup	3 gallons	↓		
Dicamba	Banvel CST	10 gallons	Upper Columbia Area WA, east of the Cascads Northern ID, & limited areas of Montana		
Picloram	Tordon 101	25 gallons	↓	Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries	
Tebuthiuron	Spike 1G	31,000 lbs.	↓		
Dicamba	Banvel CST	10 gallons	Snake River Area Western OR, Southern ID, & limited areas of WY.	Rights of Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, Klamath weed, poison oak, & others as necessary.	
Tebuthiuron	Spike 80W	40 gallons	↓		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bonneville Power Administration, Department of Energy STAFF: Fay L. Shon, Natural Resource Specialist PHONE: 425-2036 CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER Data Estimated for a typical fiscal year

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Tebuthiuron	Spike 5G Spike 6G	28,120 LBS	Lower Columbia Area OR, West of the Cascades	Rights of Way -Tall Growing plant species threatening reliability of Power lines including; Douglas Fir, Red Alder, Cottonwood, Big Leaf Maple, Lodgepole Pine, & Woody brush if it prevents access for maintenance or safe working conditions Substations: All vegetation to reduce fire hazards & hazards to electrical workers working with energized equipment -- primarily grasses forbs & blackberries	
Dicamba/2,4-D	Weedmaster Banvel 720 Banvel XP	14,700 gallons	↓		
Dicamba/2,4-D	Banvel 720 Weedmaster	2,200 Gallons	Puget Sound Area, WA, West of the Cascades		
Dicamba	Banvel 4WS	750 gallons			
2,4-D Amine	—	1,500 gallons			
Prometon	Pramitol 5PS	51,850 gallons	↓	Rights of Way & Substations: Designated noxious weeds including tansy ragwort, yellow star thistle, knapweed, klamath weed, poison oak, for[illegible] as necessary	

AGENCY: Animal & Plant Health Inspection Service
Dept. of Agriculture
Washington

STAFF: Andy Adams
Western Regional Office

PHONE: 460-4364

CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 85 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Malathion	Makthion ULV	1,019 gallons	Whitman County, Washington	Grasshoppers	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: WA Operations Office Dept. of Energy

STAFF: Ted Austin Environmental, Safety & Health Division

PHONE: 444-7287

CONTACT DATE: 8/20/85

PESTICIDES USED ✓ FY ___ CY ___ OTHER Annual average based on 1984 & 1985 actual use

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil & Diuron	Krovar 80-W	1,360 lbs	unknown	unknown	
dicamba	-	49 lbs	↓	↓	
DMSA	arsinyl	100 gallons	↓	↓	
	fendimine	43 gallons	↓	↓	
glyphosphate	Round-Up	2 gallons	↓	↓	
	Oust	165 gallons	↓	↓	
tebuthiuron	Spike W-80	2,180 lbs.	↓	↓	
2,4-D		354 gallons	↓	↓	

DATA FORM – [redacted]

AGENCY: Bureau of Land Management
Dept. of the Interior
Washington

STAFF: Steve Ellis

PHONE: 554-9516

CONTACT DATE: 9/19[redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER When legal difficulties are resolved

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
glyphosphate	–	18	Washington	Noxious Weeds	Quantities are annual estimates for applicatio for lbs. of active ingredients.
Picloram	–	43			
2,4-D	–	171			
2,4-D + Dicamba	–	1,067			

DATA POINT _____

AGENCY: Bureau of Indian Affairs
Dept. of the Interior
Washington

STAFF: Bob Taylor
Area Environmental Coordinator

PHONE: 429-2208

CONTACT DATE: 7/24/85

PESTICIDES USED ___ FY ___ CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Copper Sulfate	–	*	Yakima Indian Reservation	Green filamentous algae	* Water Soluble Crystals 9 PPM 1 cfs water 50 – 60 applications 30 sites
Dalapon	Dowpon M	2,407 lbs.		Reed Canary grass Cattails	
Glyphosphate	Rodeo	81 – 236 gallons		Reed Canary Grass	
Magnacide H. (Acrolein)	–	*		Filamentous green algae Coontail, moss sago, pondweed, American Pondweed	* gas formulation 5 ppm – 7.85 ppm (1 hour. 40 Sites – 9 treatments each
2,4-D	Weedar 64	340 lbs.	Yakima Indian Reservation	Water hemlock, Curly, Sour dock, Canadian thistle, broadleaf plants Red Alder, Salmonberry	
	Weedone LV-4	90 gal.	Lummi Indian Reserv.		
	Weedone LV-4	50 gal.	Port Madison Indian Reserv		
	Weedone LV-4	25 gal.	Port Gamble Indian Reserv		
Xylene	–	*	Yakima Indian Reservation	Algae, coontail moss, sago pond weeds, American pondweeds	* Aromatic Solvent 592 PPM cfs water – 30 minutes 46 applications – 30 sites

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation
Dept. of Interior
Washington

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

* Quantities are for product formulations

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Dicamba	—	148 gallons	Columbia Basin Project - WA *	Canada thistle Broadleaf weeds	* On U.S. lands administered by the WA Dept. of Game
Dichlobenil	—	500 lbs		Canada thistle	
Diuron	—	240 lbs		Russian thistle, pigweed, kochia, mustards, cheatgrass, Canada thistle	
Glyphosphate	—	23 gallons	Columbia Basin Project Yakima Project - WA -	Canada thistle, Dalmatian toadflax, Reed canarygrass, Broadleaf + grass weeds	
Picloram	—	8 gallons + 40 lbs	Columbia Basin Project - WA - *	yellowstar thistle, Dalmatian toadflax, diffuse knapweed, Canada thistle	* On U.S lands administered by the WA Dept. of Game
Prometon	-	1,410 gallons	Grand Coulee Project - WA -	Grass + Broadleaved annual + biennial Weeds.	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Bureau of Reclamation
Dept. of Interior
Washington

STAFF: Floyd Oliver

PHONE: 554-1167

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 85 CY ___ OTHER ___

* Quantities are for product formulations

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Rotenone	-	790 lbs.	Columbia Basin Project WA - *	Spiney ray & scrap fish	* On U.S. lands administered by WA Dept. of Game
Simazine	Princep 4L -	480 lbs	↓	Russian thistle, pigweed, kochia, mustards, cheatgrass, Canada thistle	↓
2,4-D	—	1,542 gallons	Columbia Basin Project Grand Coulee Project Yakima Project	Canada thistle, knapweed, Dalmatian toadflax, Broadleaved weeds	

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Washington

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
alachlor	Lasso	44 gal, 125 gal 133 gal	Columbian NWR Umatilla McNary	lambsquarters, mustards	NWR = National Wildlife Refuge
aldicarb	Temik 15-G	3,120 gal.		nematodes Aphids	
atrazine	Atrazine 80W 4L	~~375~~ 165 206 gal 156 lbs	Columbian NWR McNary NWR Umatilla	annual weeds + grasses	Quantities calculated by multiplying rates of application times acreages
Captan	—	?	Umatilla NWR	Rots soft rot on seeds	
dalapon	Dowpon C	45 lbs	Columbian NWR	cattails	
DCNA	Bartran 75-W	332 lbs	Umatilla NWR	esotinia blight	
dicamba	Banvel	3 gallons 3 gallons	Columbian NWR	weeds	
diquat	—	1 gallon	Lewis + Clark NWR	Purple loosestrife	
disulfoton	disyston	1,533 lbs	Umatilla	aphid	
diuron	Karmex	400 lbs	Columbian NWR	thistle, mustards	
EPTC	Eptan	14 gal	McNary NWR +	emergent weeds	

DATA FORM - FEDERAL FACILITIES/[illegible]

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Washington

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DATE: 8/13/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
dimethoate	Cygon	4 gal	Columbian NWR	Aphids	NWR = National Wildlife Refuge
dicamba + 2,4-D	Weedmaster	50 gal 8 gal	Columbian White Tail Deer NWR Willapa NWR	Weeds	Quantities calculated by multiplying rates of application times acreages.
glyphosphate	Round-Up	1,360 gal	Willapa NWR	Juncus, tansy thistle, gorse	
		37 gal	Columbian White tail Deer NWR	(Scattered plants)	
2,4-D	2,4-D Amine 4	41 gal	Umatilla NWR	Weeds	

AGENCY: Fish + Wildlife Service
Dept. of the Interior
Washington

STAFF: Dave Lemhart

PHONE: 429-6160

CONTACT DA[redacted] 87[redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY 84 OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
fenvalarate	Pydrin	18 gal	Umatilla NWR	worms	NWR = National Wildlife Refuge
glyphosphate	Round-Up	100 gal.	Columbian NWR	thistle, knapweed	
	Rodeo	34 gal	McNary NWR	weeds	
	Velpar L	94 "			
hexazinone		147 gal	McNary NWR	weeds	Quantities calculated by multiplying rate of application time acreages
		12 gal			
metam-sodium	Vapam	9,130 lbs	Umatilla NWR	nematodes	
metribuzin	Sencor	80 lbs.	Columbian NWR	annual grasses	
	Sencor 4	20 lbs	McNary NWR	Broad leaved weeds	
Oryzalin	Surflan	24 gal	McNary NWR	weeds	
Phorate	Thimet 15-G	780 lbs	Columbian NWR	Rootworm, Cutworm	
		2,822 lbs	Umatilla NWR	Beetle Wirewarm	
		352 "	McNary NWR		
Picloram	Tordon 22K	100 lbs	Columbian NWR	Canada thistle, Thistle	
Simazine	Simtrol 4L	86 gal	McNary NWR	weeds	
Triadimefon	Bayleton	2 gal.	McNary NWR	Rusts	
2,4-D	2,4-D amine	500 lbs	Columbian NWR	thistle, mustards	
		76 gal	McNary NWR	weeds	
2,4-DB	Butoxone	257 gal	McNary NWR	Broadleaf weeds	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Fish + Wildlife Service Dept. of Interior

STAFF: Vern Cunningham

PHONE: 429-6167

CONTACT DATE: 8/13/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

* Data for the Animal Damage Control Program obtained from the 1984 annual report

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Strychnine grain	-	34,965 lbs	See Comments	Rodents - Pocket Gophers, Ground Squirrels, Mice, porcupines	* The data presented is for Region I which includes WA, OR, ID, CA, NV + HI.
Strychnine Salt Blocks	-	469 blocks	↓	↓	
Zinc Phosphide Grain Bait	-	9,795 lbs	↓	↓	
DRC-1339	-	17 lbs	↓	Birds - starlings, Pigeons	
DRC-1339 Pellets	-	700 lbs	↓	↓	
Strychnine bait	-	600 lbs	↓	↓	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: National Park Service (Dept. of Interior) STAFF: Edgar Menning Resource Mgmt Specialist CONTACT DATE: 8/1/85

PHONE: 206-442-5670

PESTICIDES USED ✓ FY ___ CY 85 OTHER Data available - 1/85 - 4/15/85

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Chloropyrifos	Dursban		Olympic National Park	Termites	
Glyphosphate	Roundup		Fort Clatsop National Memorial Nez Perce National Historic Park Whitman Mission N.H. Site Fort Vancouver N.H. Site Mt. Rainier National Park	Nuisance Weeds Poison Hemlock Star Thistle Scotch Thistle	Blackberries
	M-1		Rainier National Park	Structural Protection	
	Safer's Insecticidal Soap		Rainier National Park	Green House USE	
	Moss Out		Rainier National Park		
	Superior Type Oil Spray		Fort Vancouver N.H. Site Whitman Mission N.H. Site	Orchard Protection	
	Lime Sulphur		↓	↓	
	Captan 50-W				
	Diazinon				
Picloram	Tordon 22K		Whitman Mission N.H. Site	Knapweed Yellow Star Thistle	
d-phenothrin	Sumithrin		Rainier National Park	Aphids	
Silica Gel	Drione		Nez Perce N.H. Park	Dermestids	
↓	Dri-Die		Fort Vancouver N.H. site	Carpenter Ants	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: National Park Service STAFF: _____ CONTACT DATE: _____

_____ _____

_____ PHONE: _____

PESTICIDES USED ___ FY ___ CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
dicamba	Banvel		Whitman Mission N.H. Site	Knapweed/ Yellow Starthistle	
	Cumapsol 5		Fort Vancouver N.H. Site	Moss	
	Polysul Spray		Whitman Mission N.H. Site	Orchard	
	Cutrine		Cedar Dam NRA	Algae	

AGENCY: Drug Enforcement Agency
Dept. of Justice
Washington

STAFF: Thomas G. Burne
Deputy Assistant - Admin. for Intelligence

PHONE: 202-633-1271

CONTACT DATE: 7/[redacted]/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY 86 CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Round up	429 99	Federal Lands Non Federal Land	Marijuana (Cannabis Sativa) - immature plants	* Quantities are estimate calculated from DEA acreage estimates of Cannabis plots. DEA provided the applica rates to be used. (acreage x application rate = qua
Paraquat	Ortho Paraquat-Plus	143 33	Federal Land Non Federal Land	Marijuana - mature plants	
2,4-D	Esteron 99-Concentrate	815.1 188.1	Federal Land Non Federal Land	Marijuana - immature plants	

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith
North Pacific Division
Washington PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Socal Aromatic Petroleum Distillates	Aquatic Weed killer #60	5,255 gallons	Ice Harbor Project Snake River System (Franklin & Walla Counties)	Aquatic Weeds	
Monuron	Monuron 80WP Weed killer	100 lbs.		Weeds - total Vegetation Contol	
Bromacil & Diuron	Krovar I	30. lbs.		Total Vegetation Control	
Teknar	Teknar	18 lbs.	↓	Mosquito larvae	

DATA FORM - FEDERAL FACILITIES/[redacted]

AGENCY: Federal Aviation Administration, Dept. of Transportation

STAFF: Bill Shoemaker, Maintenance Engineering

PHONE: 446-2478

CONTACT DATE: 7/30/85

PESTICIDES USED ✓ FY ✓ CY __ OTHER 1984 + 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Monuron TCA	UROX	400 lbs 600 lbs 300 lbs 300 lbs 400 lbs	Moses Lake, WA Spokane, WA Walla Walla, WA Yakima, WA Seattle, WA	Vegetation	
Glyphosphate	Roundup	18 gal.	Redmond, OR		
Atrazine	Atrex	45 lbs	Redmond, OR		
Simazine	—	90 lbs	Redmond, OR		

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Army Corps of Engineers
Washington

STAFF: Orin Beckwith
North Pacific Division

PHONE: 423-4037

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Simazine	Simazine 80 W	120 lbs.	Ice Harbor Project Snake River System (Franklin & Walla Walla Counties)	Noxious Weeds	
Dichlobenil	Casoron	75 lbs	↓	Thistles, Diffuse Knapweed, Morning Glory	
Dicamba	Banvel 1	10 gallon	↓	↓	

AGENCY: Army Corps of Engineers
Washington

STAFF: Orin Beckwith
North Pacific Division

PHONE: 423-4087

CONTACT DATE: [redacted] 8/[redacted]85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D	DMA-4	60 gallons 180 gallons	Ice Harbor Project Snake River System	Broadleaf Weeds	
Fenthion	Baytex 4	67 lbs.	Ice Harbor Project Snake River System	Mosquitoes	
Diquat Dibromide	Aqua kill Diquat Water Weed Killer	300 gallons 500 gallons		Submerged Weeds	
Glyphosphate	Roundup Rodeo	20 [illegible] gallons 5 gallons	Wynoochee Project Grays Harbor	Canada + Scotch thistle Tansy Ragwort	
Picloram	Tordon 22K	4 gallons 75 lbs		Yellowstar thistle	
Petroleum Distillate (GB-1356)	Golden Bear	12.5 gallons	↓	Mosquito larvae	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Army Corps of Engineers Washington & Idaho

STAFF: Orin Beck with North Pacific Division

PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Rodeo Roundup	10 gallons 10 gallons	Lower Granite Project Snake River System (WA + ID)	Canada Thistle Bindweed, Rye, Scotch + yellowstar thistles	
Dicamba	Banvel 10G	49 gallons		Yellowstar thistle Canada thistle	
Picloram	Tordon 22K	1 Gallon		Yellowstar, Scotch, + Canada Thistles	
Bacillus thuringiensis	Bactimos Briquets	200 Briquets		Mosquito Larvae	
Copper elemental	Cutrine Plus	49 gallons		Algae (Hydrodictyon)	

DATA FORM - FEDERAL FACILITIES/[redacted]

AGENCY: Army Corps of Engineers
Washington & Idaho

STAFF: Orin Beckwith
North Pacific Division

PHONE: 423-4087

CONTACT DATE: [redacted]/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
2,4-D	DMA-4	180 gallons	Lower Granite Project	Yellowstar, Canada, & Scotch thistles Kochia	
Mefluidide	Embark 2S	12 gallons	Lower Granite Project	Turf - growth Retardant	
Dicamba	Banvel	49 Gallons	Lower Granite Project	Thistles, Kochia	
Diquat Dibromide	Weedtrine Weed Killer System 711	300 gallons 10 gallons	Lower Granite Project	Elodia, Naiad, Cattail, Potamogeton	
Picloram	Tordon Beads	30 lbs	Lower Granite Project	Yellowstar, Scotch & Canada thistles	
Tebuthiuron	Spike	64 gallons	Lower Granite Project	Bindweed, Rye Kochia, Knotweed	

DATA FORM - FEDERAL

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith CONTACT DATE: 8/8/85

North Pacific Division

Oregon & Washington PHONE: 423-4087

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil & Diuron	Krovar I (Bromacil)	350 lbs	McNary Project (OR & WA)	Weeds	
Dichlorophenyl	Capsine	1 gallon	McNary Project (OR & WA)	Broadleaf Weeds	
Diazinon	—	14 gallons	McNary Project (OR & WA)	Spiders	
Dichorvinal	—	2 gallons	McNary Project (OR & WA)	Spiders	
Chlorpyrifos Phosphorothioate	Dursban ISULV	5 gallons	McNary Project (OR & WA)	Mosquitoes	

DATA [illegible]

AGENCY: Army Corps of Engineers STAFF: Orin Beatwith
North Pacific Division
Oregon + Washington PHONE: 423-4087

CONTACT DATE: [illegible]/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Dichlobenil	Casoron	381.5 lbs	Bonneville Project Columbia River System	Weeds	
	Casoron G4	150 lbs	Lake Washington Ship Canal - WA		
	Casoron 46	400 lbs	McNary Project Columbia River System		
	Casoron	75 lbs	Ice Harbor Project Snake River System -WA-	Thistles, diffuse knapweed, Morning glory	
Triclopyr	Garlon 3A	3 gallons	Bonneville Project Columbia River System	Apple Maggots	
Glyphosphate	Roundup	2.3 gallons	Bonneville Project Columbia River System	Weeds	
		1 gallon	Rogue River - OR Jackson County		
		20 gallons	Wynoochee Project Grays Harbor County WA	Tansy Ragwort, Canada thistle	
		55 gallons	Mud Mountain Project Pierce County - WA		
		4 gallons	Lake Washington Ship Canal - WA -		
		40 gallons	Mid-Willamette Valley Project OR	Grass, blackberries	

DATA FORM - FEDERAL [illegible]

AGENCY: Army Corps of Engineers — Oregon + Washington

STAFF: Orin Beckwith — North Pacific Division

PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Oxadiazon	Ronstar G	213 lbs.	Bonneville Project Columbia River System	Broadleaf Weeds	
Disulfoton	Di-syston	485 lbs.	The Dalles Project Columbia River System	Aphids, Spider Mites	
Diazinon	-	22 lbs.	Mid-Willamette Valley OR	Aphids, Ants, Spider Mites	
Diuron	karmex	38 lbs.	Mid-Willamette Valley OR	Grass, brush, Annual weeds	
Cupric Hydroxide	Kocide 101	19 lbs	Mid-Willamette Valley OR	Fungus	
Triclopyr	Esteron BK	25 gallons 7 gl	Hanson Project Blue River OR	Woody plants/brush	
Sulfotepp	Bladafum	2 canisters	Lake Washington Ship Canal - WA.	Aphids, Spider Mites, White flies, thrips	
Amitrole-T	Cytrol	1 gallon	Lake Washington Ship Canal - WA	Weeds	
		7 gallons	Blue River Project Lane County - OR	Woody Plants	

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith

Oregon & Washington PHONE: North Pacific Division 423-4087

CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 84 CY ___ OTHER _____

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER _____

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Ornitrol	-	156 lbs	Chief Joseph Project WA	Domestic Pigeons	

DATA FORM - FEDERAL AGENCIES

AGENCY: Army Corps of Engineers STAFF: Orin Beckwith
North Pacific Division
Oregon + Washington PHONE: 423-4087

CONTACT DATE: 8/8/85

PESTICIDES USED ✓ FY 84 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Metacetalhyde	Metalhyde	50 lbs	Lake Washington Ship Canal - WA	Slugs, Snails	
Trimec	-	3 gallons	Lake Washington Ship Canal - WA	Weeds	
		3.85 gallons	Bonneville Project Columbia River System		
Simazine	Princep	50 lbs	Lake Washington Ship Canal	Weeds	
2,4-D	Lawn + Turf Weed killer	2 gallons	Lake Washington Ship Canal	Weeds	
	Weedmaster	2 gallons	Chief Joseph Project Douglas + Okanogan Counties - WA	Canada thistle, Russian knapweed	
	Weedar G4	210 gallons	Mill Creek Project Walla Walla County - WA -		

AGENCY: Dept. of the Air Force
Washington

STAFF: Major George Pratt

PHONE: 904-283-6238

CONTACT DATE: [redacted]

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Aluminum phosphide	Phostoxin		Fairchild AFB	Ground Squirrels	
Amitrol	Amitrol T		Fairchild AFB	Annual grasses & broadleafs	
4-aminopyridine	Avitrol		Fairchild AFB	Birds	
Ammonium Sulfamate	Turf Edge		Fairchild AFB	Quackgrass, Witchgrass	
Bendiocarb	Ficam		McChord AFB Fairchild AFB	Fleas, Cockroaches, ants, Ants	
Boric Acid	ENUF		Fairchild AFB	Silverfish, Roaches	
Calcium Cyanide	—		McChord AFB	Moles	
Carbaryl	Sevin			Tent caterpillars, fall web worms	
Chlordane	—		McChord AFB	termites	
Chlorpyrifos	Dursban		McChord AFB Fairchild AFB	Cockroaches, earwigs Roaches	
Chlorsulfuron	Telar		McChord AFB		

DATA FORM - FEDERAL AGENCY

AGENCY: Dept. of the Air Force
Washington

STAFF: Major George Pratt

PHONE: 904-283-6238

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Diazinon	—		McChord AFB Fairchild AFB	Fleas, cockroaches, ants, aphids, tent caterpillars, fall webworms, Silverfish Silverfish, ants, cockroaches	
Dicamba/2,4-D	Weedmaster		Mchard AFB	Noxious weeds Tansy Ragwort	
Diquat dibromide	Aquatate		Fairchild AFB	Quack grass, wildgrass, + cattails	
Diuron	Karmex		McChord AFB	Weeds + Grasses	
DDVP	Vaponite 2		Fairchild AFB	Wasps	
Benzimidazole-carbamate	Tersan 1991		McChord AFB	Fungus - Dollar spot Brown Patch	
Dichlobenil	Casoron G-4		McChord AFB	Weeds + grasses	
Ethio/Petroleum oil	GE oil Spray		Fairchild AFB	Mites, aphids + moths	
glyphosphate	Round Up		Fairchild AFB	Canadian + musk thistles	
Magnesium + zinc	FORE		McChord AFB	Fungus - Fusarium Patch + Rhizoctonia	

AGENCY: Dept. of the Air Force — STAFF: Major George Pratt — CONTACT DATE: [redacted]

Washington — PHONE: 904-283-6238

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Malathion	—		McChord AFB Fairchild AFB	Fleas, aphids, tent caterpillars, fall webworms, flies caterpillars, aphids, flies	
Mefluidide	Embark 3M		McChord AFB	Turf grasses	
Monuron trichloracetate	Urox 22		McChord AFB Fairchild AFB	Weeds & grasses Annual & Perennial Weeds	
d-Phenothrin	-		Fairchild AFB	Flies	
Prometon	Pramitol 5PS		McChord AFB Fairchild AFB	Weeds & Grasses Thistles, skeleton weed, Pigweed,	
Propoxur	Baygon		McChord AFB Fairchild AFB	Fleas, cockroaches, wasps, hornets, bees, earwigs, silverfi Fleas, Earwigs,	
Pyrethrin	Tossits PT-515 wasp freeze		Fairchild AFB	Spiders, Ants Wasps, Cockroaches	
Sulfometuron	Oust		McChord AFB	weeds & Grasses	
Sulfur, Charcoal Red Phosphorous, etc.	Gas Cartridge -Pocatello Supply Depot		Fairchild AFB	Ground Squirrels Gophers,	
2,4-D 2,4-D Amine	- Weedone		McChord AFB Fairchild AFB	Broadleaf Weeds Dandelions	* McChord used 76 lbs of 2,4-D in FY 1984.

DATA FORM - PESTICIDE USE

AGENCY: Dept. of the Air Force
Washington

STAFF: Major George Pratt

PHONE: 904-283-6238

CONTACT DATE: 7/31/85

PESTICIDES USED ___ FY ___ CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ✓ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Warfarin	–		McChord AFB	Rats & Mice	* Actual use of anticoagulants at McChord for FY 1984 was 79 lbs.
	Ready Mix Prolin		Fairchild AFB	Mice	
Zinc Phosphide	Gopha Rid		Fairchild AFB	Moles, Gophers	
Diphacinone	Ramik Green		Fairchild AFB	Ground Squirrels	

AGENCY: Dept. of the Army
Fort Lewis
Washington

STAFF: Al Overland

PHONE: 206-967-4905

CONTACT DATE: [redacted]/6[redacted]

PESTICIDES USED ✓ FY ___ CY ___ OTHER July 1984 – June 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER: ___ ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Anticoagulants	–	675 lbs	Fort Lewis, WA	Mice, Rats	
Boric Acid	–	421 lbs.		Vegetation	
Bromacil	–	7,300 gallons		Vegetation	
Diazinon	–	3,422 gallons		Ants, Spiders, Earwigs, Roaches Fleas	
Chlorpyrifos	Dursban	67 gallons		Roaches, termites	
Bendiocarb	Ficam	178		Roaches, earwigs	

DATA FORM - FEDERAL FACILITIES/PESTICIDES

AGENCY: Dept. of the Army
Fort Lewis
Washington

STAFF: Al Overland

PHONE: 206-967-4905

CONTACT DATE: 8/6/85

PESTICIDES USED ✓ FY ___ CY ___ OTHER July 1984 - June 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Malathion	—	18,300 gallons	Fort Lewis, WA	Filthflies, Sapsuckers	
Sodium Metaborate Bromacil	MBB Borocil	430 gallons 10,000 lbs		Vegetation, Weeds	
Dormant Oil Spray	Miscoil	15,250 gallons		Plant diseases Leafchewers	
d-Phenothrin		753 lbs		Roaches	
Propoxur	Baygon	567 gallons		Roaches, Ants	
Pyrethrum		55 gallons		Roaches	

AGENCY: Dept. of the Army
Fort Lewis
Washington

STAFF: Al Overland

PHONE: 206-967-4905

CONTACT DATE: [redacted]/85

PESTICIDES USED ✓ FY ___ CY ___ OTHER July 1984 - June 1985

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Glyphosphate	Roundup	1,655 gallons	Fort Lewis, WA	Vegetation	
Triclopyr	Garlon 4	7,000 gallons		Brush	
2,4-D	—	52,796 gallons		Weeds, brush	
hexazinone	Velpar-L	3,904 gallons		grassy weed	

DATA FORM - FEDERAL [illegible]

AGENCY: Whidbey Island Naval Station, Dept. of the Navy, Washington

STAFF: William Gebhart

PHONE: 325-8175

CONTACT DATE: 8/6/85

PESTICIDES USED ✓ FY 83 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

* Most applications contracted out

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil	-	14,384 lbs.	Whidbey Island, WA	Open brush	
Dicamba	-	189 lbs.			
Diuron	-	13,663 lbs			
Dursban	-	11 lbs		Insects	
Lime Sulfur	-	5,048 lbs		Open brush, trees	
Malathion	-	709 lbs		Insects	
Natural Organic Material	-	464 lbs.		Unknown - applied to trees	* Could be botanicals or material like B.T. or Milky Spores
2,4,5-T	-	870 lbs		Open brush - Canada thistle	

AGENCY: Bangor Naval Sub Base
Dept. of the Navy
Washington

STAFF: William Gebhart

PHONE: 325-8175

CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 83 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil	-	180 lbs.	Bangor Naval Sub Base Washington	Herbicide	
Diazinon	-	18 lbs	↓	Insecticide	
					* Some inhouse applications - Most applications contracted out.

DATA FORM - FEDERAL FACILITIES/[illegible]

AGENCY: Puget Sound Naval Ship Yard
Dept. of the Navy
Washington - Bremerton

STAFF: William Gebhart

PHONE: 325-8175

CONTACT DATE: 8/6/85

PESTICIDES USED ✓ FY 83 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Bromacil	-	125 lbs	Puget Sound Naval Ship Yard	Herbiciale	* Most applications contracted out
Diuron	-	170 lbs		Herbiciide	
Ferbam	-	30 lbs		Fungiciide	
Miscible Oil	-	29 lbs		Insecticiide	
Herbicides * unknown	-	16 lbs		Open brush	

AGENCY: Seattle NSA
Dept. of the Navy
Washington, Seattle

STAFF: William Gebhart

PHONE: 325-8175

CONTACT DATE: [redacted]

PESTICIDES USED ✓ FY 83 CY ___ OTHER ___

PESTICIDES PROPOSED FOR USE ___ FY ___ CY ___ OTHER ___

COMMON NAME	TRADE NAME	QUANTITY (LBS)	LOCATION	TARGET SPECIES	COMMENTS
Malathion	–	23	Seattle NSA	Insecticide	* Most applications from inhouse staff.

SECTION IV - APPENDICES

FEDERAL AGENCIES USING PESTICIDES IN IDAHO, OREGON, AND WASHINGTON

FEDERALLY OWNED LAND IN EPA REGION 10

LAND AREAS AND LAND USE BY STATE

INDIAN RESERVATIONS IN EPA REGION X (excluding Alaska)

WASHINGTON STATE INDIAN RESERVATIONS

U.S. GOVERNMENT INSTALLATIONS - WASHINGTON

POWER GENERATING FACILITIES - WASHINGTON

NATIONAL PARKS - WASHINGTON

NATIONAL FORESTS AND WILDERNESS AREAS - WASHINGTON

FEDERAL AGENCIES USING PESTICIDES IN IDAHO, OREGON, AND WASHINGTON

Department of Agriculture

- Agricultural Research Service
- Animal and Plant Health Inspection Service
- Forest Service

Department of Energy

- Bonneville Power Administration
- Idaho Operations Office
- Washington Operations Office

Department of Interior

- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- National Park Service
- Fish and Wildlife Service

Department of Justice

- Drug Enforcement Administration

Department of Transportation

- Federal Aviation Administration

Military Agencies

- Army Corps of Engineers
- Department of the Air Force
- Department of the Army
- Department of the Navy

FEDERALLY OWNED LAND IN EPA REGION 10

From U.S. Department of Interior BLM
Public Land Statistics - 1983

	ID	OR	WA	AK	REGION 10 TOTAL ACRES
Department of Agriculture:					
Agricultural Research Svcs.	32,463	14,608	173	0	47,244
Forest Service	21,244,494	15,616,398	8,902,435	23,119,589	68,882,916
Soil Conservation Svc.	0	0	221	2	223
Department of Commerce:					
National Oceanic and Atmospheric Admin.	0	9	123	50,250	50,382
Department of Energy					
Alaska Power Admin.	0	0	0	20,442	20,442
Bonneville Power Admin.	95	4,889	8,594	0	13,578
Energy Research and Development Admin.	572,348	0	362,278	0	934,626
Environmental Protection Agency:	0	21	17	0	38
Federal Communications Agency:	0	0	197	302	499
General Services Admin.:	175	377	372	99	1,023
Department of Health, Education, & Welfare:					
Health Services Admin:	0	1	0	557	558
Social Security Admin.	5	0	0	0	5
Department of the Interior:					
Bureau of Indian Affairs	825,131	759,538	2,508,592	2,482,589	6,575,850
Bureau of Land Management	11,906,669	13,572,655	310,674	166,984,847	192,774,845
Bureau of Mines	0	44	21	2	67
Bureau of Reclamation	283,392	66,308	100,818	0	450,518
Fish & Wildlife Service	44,218	479,063	128,713	73,354,815	74,006,809
Geological Survey	0	0	4	928	932
National Park Service	97,153	168,994	1,811,070	57,066,702	59,143,919

FEDERALLY OWNED LAND IN EPA REGION 10

	ID	OR	WA	AK	REGION 10 TOTAL ACRES
Department of Justice:					
Bureau of Prisons	0	0	4,409	0	4,409
Immigration and Naturalization Services	4	0	47	0	51
Department of Labor:					
Employment & Training Admin.	0	801	0	0	801
Department of Transportation:					
Federal Aviation Admin.	624	860	171	26,661	28,316
Federal Highway Admin.	0	0	5	0	5
Federal Railroad Admin	0	0	0	38,007	38,007
U.S. Coast Guard	0	206	892	61,654	62,752
Treasury Department:					
Bureau of Customs	0	0	.4	0	.4
U.S. Postal Service:	10	71	140	20	241
Veterans Administration:	67	614	256	1	938
Corps of Engineers:	62,583	110,899	103,182	70,205	346,869
Department of Air Force:	2,893	172	2,904	5,700	11,669
Department of Army:	1,884	17,609	348,549	1,670,850	2,038,892
Department of Navy:	22	47,587	17,939	65,988	131,536

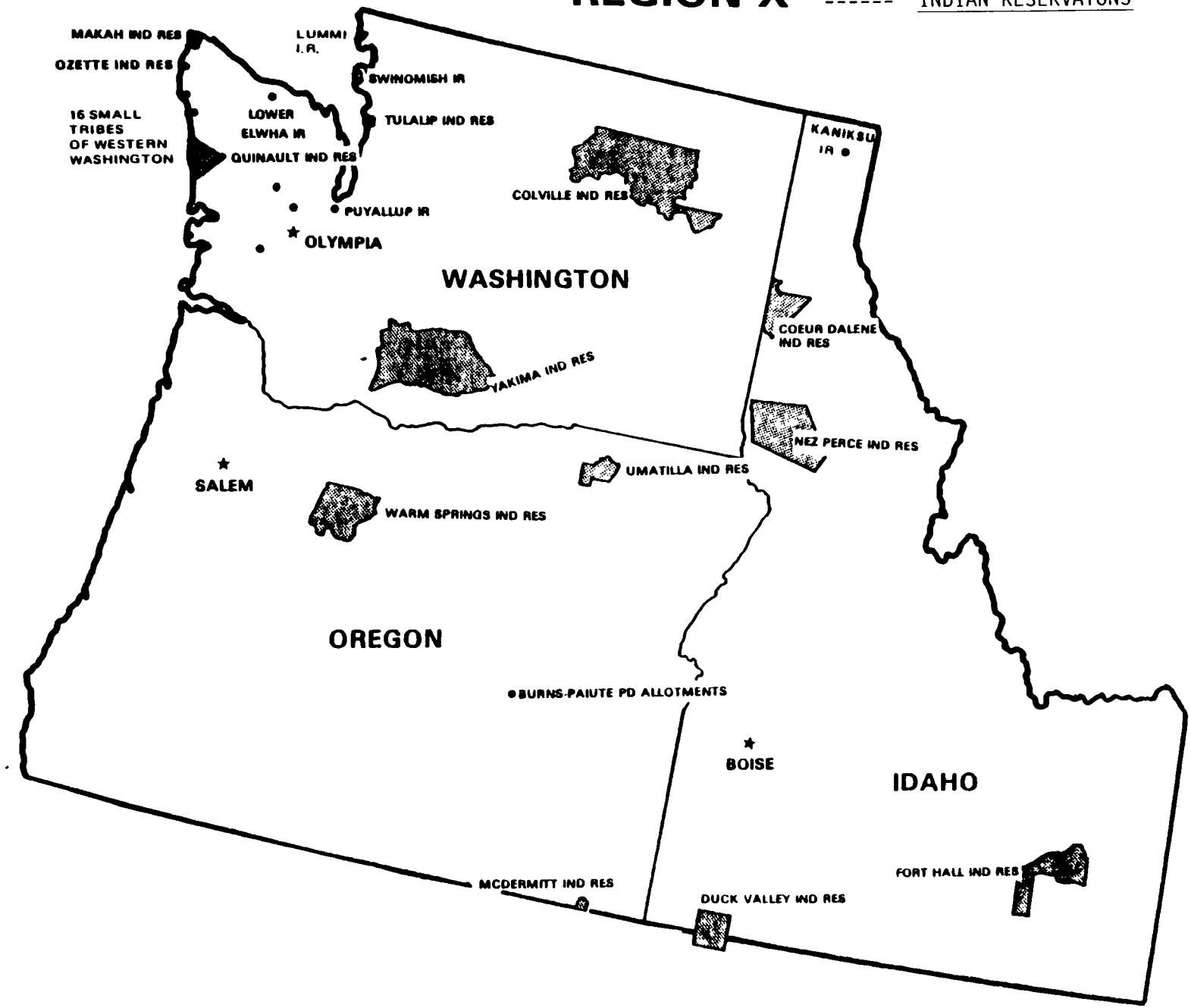
Table 2. Land Areas (in thousands of acres) and Ownerships by State.

State	Total Land Area[1]	Federal Land Area[1]	Range Land Area[2]	Forest Land Area[2]	Commercial Forest Land[3,4]				
					NFS	State	Ind.	NIPF	Total
Alabama	32,491	1,141	54	21,361	618	391	4,205	16,119	21,333
Alaska	365,333	327,029	231,472	119,145	6,528	4,333	.2	289	11,150
Arizona	72,645	29,195	45,168	18,494	2,462	1,268	0	166	3,896
Arkansas	33,330	3,404	.2	18,282	2,414	560	3,951	11,282	18,207
California	100,031	47,526	43,040	40,152	8,168	507	2,687	4,941	16,303
Colorado	66,301	23,950	27,822	22,271	7,505	691	15	3,104	11,315
Connecticut	3,118	9	0	1,861	0	147	0	1,659	1,806
Delaware	1,236	41	0	392	0	14	30	340	384
Florida	34,658	3,652	2,189	17,040	1,005	1,110	5,319	7,896	15,330
Georgia	37,156	2,281	0	25,256	813	732	4,318	18,949	24,812
Hawaii	4,112	787	968	1,986	0	454	0	494	948
Idaho	52,744	34,282	23,598	21,727	9,153	1,367	947	2,074	13,541
Illinois	35,613	626	.3	3,810	227	53	17	3,396	3,692
Indiana	22,996	529	3	3,943	162	248	27	3,378	3,815
Iowa	35,818	228	38	1,561	0	113	17	1,330	1,460
Kansas	52,338	733	16,278	1,344	0	37	0	1,150	1,187
Kentucky	25,388	1,418	0	12,161	589	307	255	10,751	11,902
Louisiana	28,493	1,157	517	14,558	560	443	3,761	9,763	14,527
Maine	19,837	136	.4	17,718	37	504	8,083	8,240	16,864
Maryland	6,296	210	84	2,653	0	243	139	2,140	2,523
Massachusetts	5,007	85	.1	2,952	0	365	30	2,401	2,798
Michigan	36,450	3,533	.4	19,270	2,401	4,018	2,257	10,102	18,778
Minnesota	50,911	3,449	156	16,709	1,715	5,613	772	5,595	13,695
Mississippi	30,229	1,749	20	16,716	1,122	554	2,996	11,832	16,504
Missouri	44,125	2,254	1,448	12,876	1,246	286	362	10,393	12,289
Montana	93,048	27,468	53,334	22,559	8,162	1,632	1,055	3,510	14,359
Nebraska	49,052	696	24,274	1,029	41	38	0	710	789
Nevada	70,332	57,383	56,888	7,683	61	5	8	60	134
New Hampshire	5,756	738	0	5,014	459	121	947	3,165	4,692
New Jersey	4,780	146	61	1,928	0	319	16	1,522	1,857
New Mexico	77,654	25,862	48,726	18,060	2,817	792	0	1,927	5,538
New York	30,321	249	2	17,218	0	892	1,177	12,174	14,243
North Carolina	31,260	2,169	0	20,043	1,029	734	2,135	15,665	19,562
North Dakota	44,352	2,246	12,296	422	0	124	0	281	405
Ohio	26,243	351	0	6,147	141	246	127	5,515	6,029
Oklahoma	43,939	1,749	9,301	8,513	224	344	991	2,764	4,323
Oregon	61,558	30,103	22,323	29,810	11,633	3,494	5,522	3,562	24,211
Pennsylvania	28,728	695	.1	16,826	485	2,986	964	11,489	15,924
Rhode Island	675	6	0	404	0	32	0	363	395
South Carolina	19,330	1,194	20	12,249	573	522	2,007	9,074	12,176
South Dakota	48,609	3,152	13,397	1,702	953	153	16	346	1,467
Tennessee	26,339	2,096	400	13,161	579	687	1,121	10,433	12,820
Texas	167,691	3,528	91,599	23,279	595	201	3,771	7,946	12,513
Utah	52,527	32,167	29,701	15,557	2,277	467	0	661	3,405
Vermont	5,935	320	.2	4,512	209	213	666	3,341	4,430
Virginia	25,411	2,360	28	16,417	1,424	498	1,670	12,347	15,939
Washington	42,567	12,104	7,895	23,181	5,167	4,027	4,319	4,409	17,922
West Virginia	15,436	1,114	0	11,669	853	268	880	9,483	11,484
Wisconsin	34,833	1,897	7	14,908	1,266	3,421	1,148	8,643	14,478
Wyoming	62,073	30,610	46,896	10,028	3,045	434	54	801	4,334
Total	2,265,145	729,821	820,002	736,558	88,718	47,003	68,782	277,982	482,486

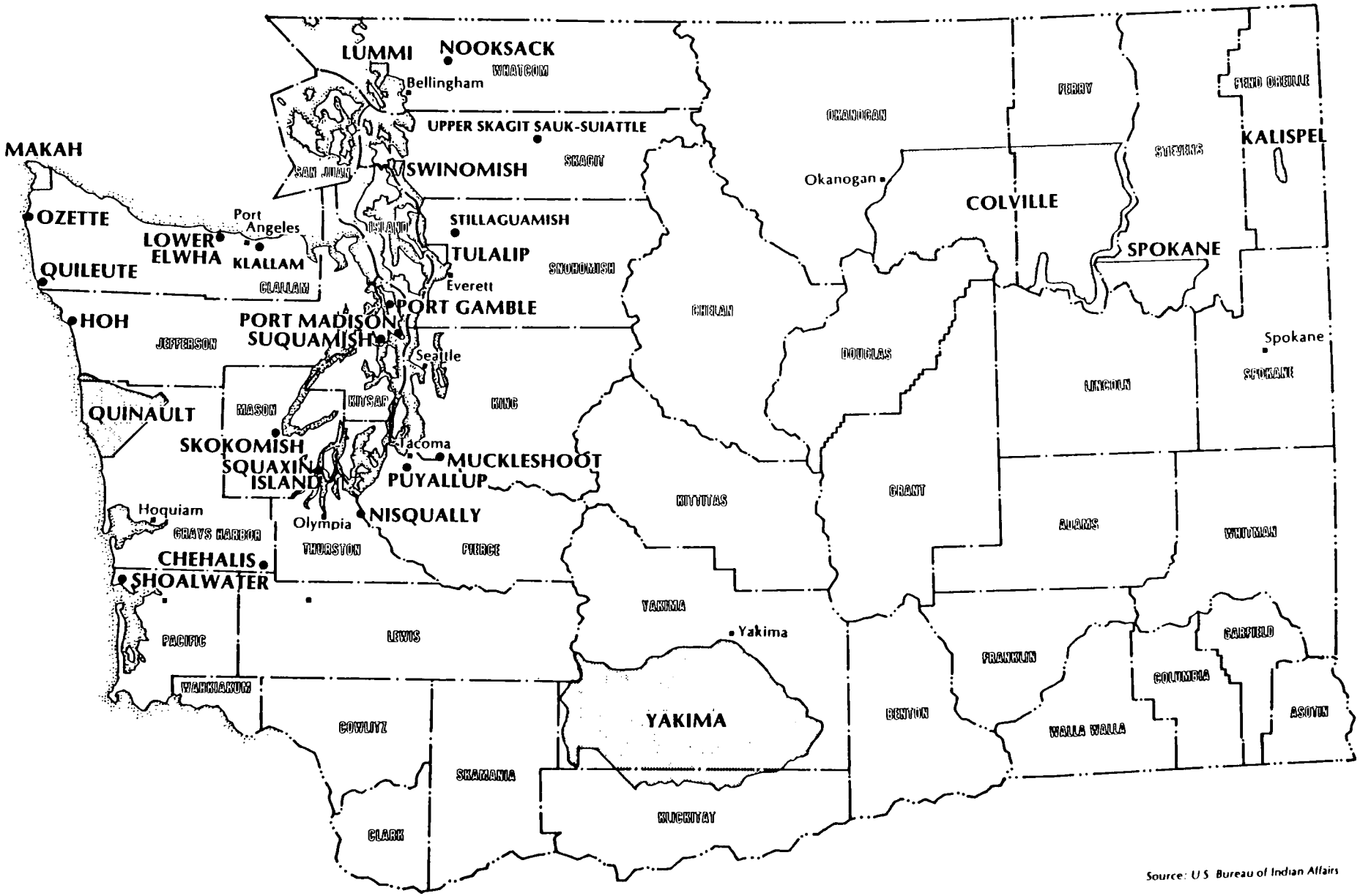
[1]Land (exclusive of water) areas from " Public Land Statistics, 1983, U.S. Department of the Interior, Bureau of Land Management, April 1983. [2]Forest and Rangeland areas from "An Analysis of the Timber Situation in the U.S., 1952-2030. Forest Resource Rpt. No. 23, USDA, Forest Service, 1982. [3]Commercial Forest land is capable of producing 20 cubic feet of wood per acre per year. [4]Abbreviations: NFS=National Forest System; Ind.=Industry; and NIPF=Non-Industrial private forest.

* From "Weeds, Trees, and Herbicides - A Public Forest and Rangeland Survey" September 1985 - USDA, Forest Service

REGION X ------ INDIAN RESERVATONS

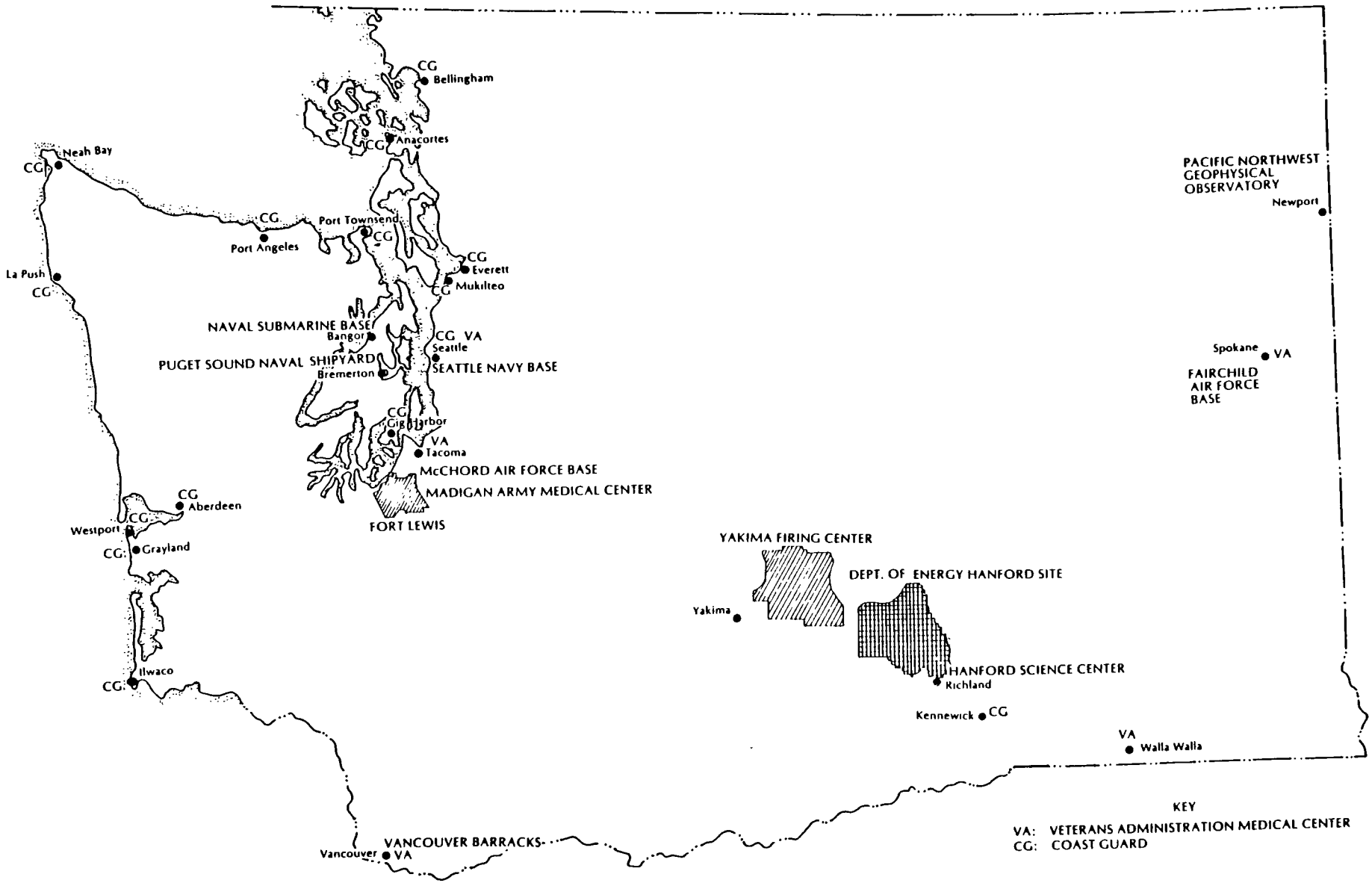


WASHINGTON STATE INDIAN RESERVATIONS



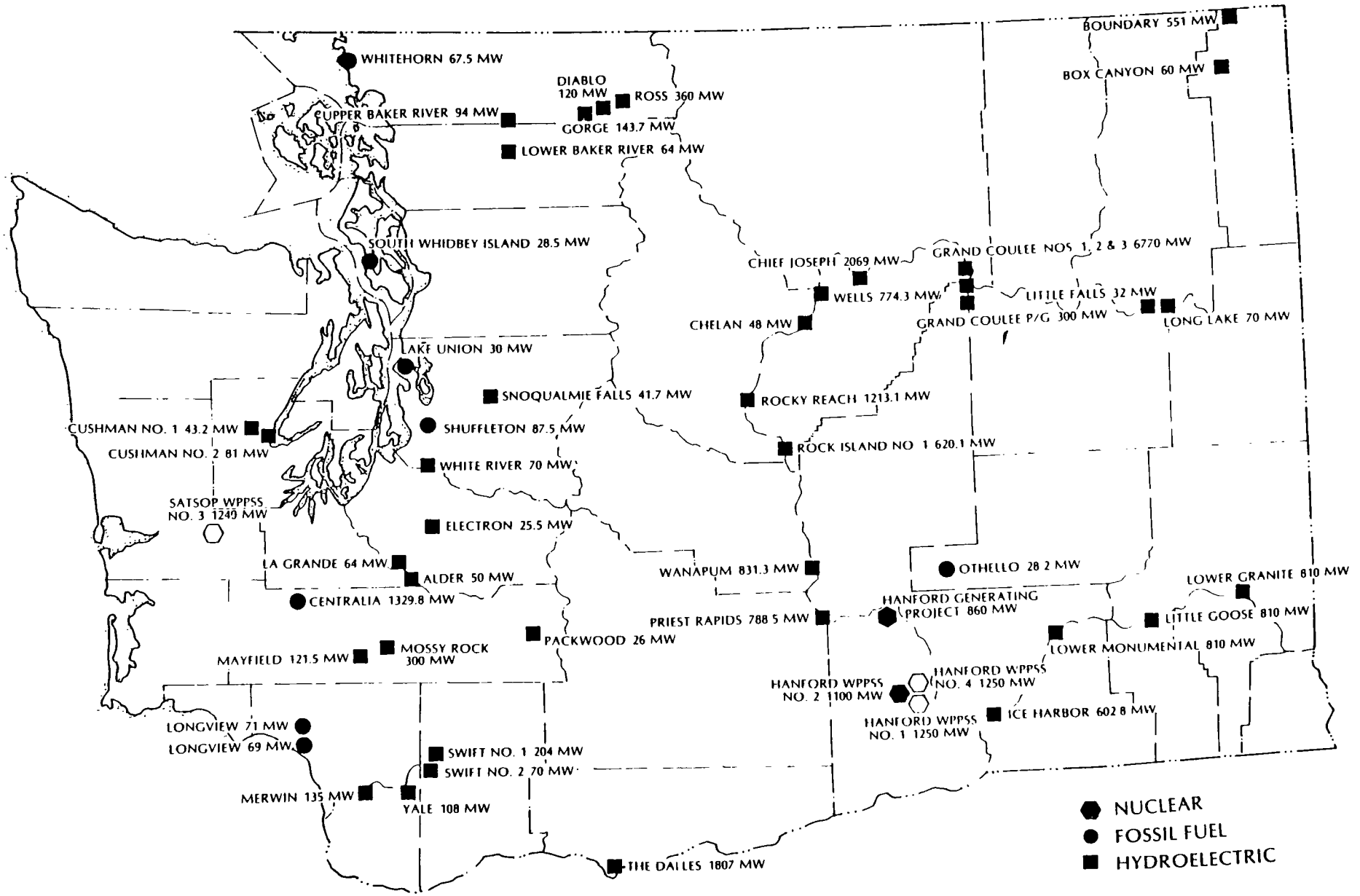
Source: U S Bureau of Indian Affairs

U.S. GOVERNMENT INSTALLATIONS



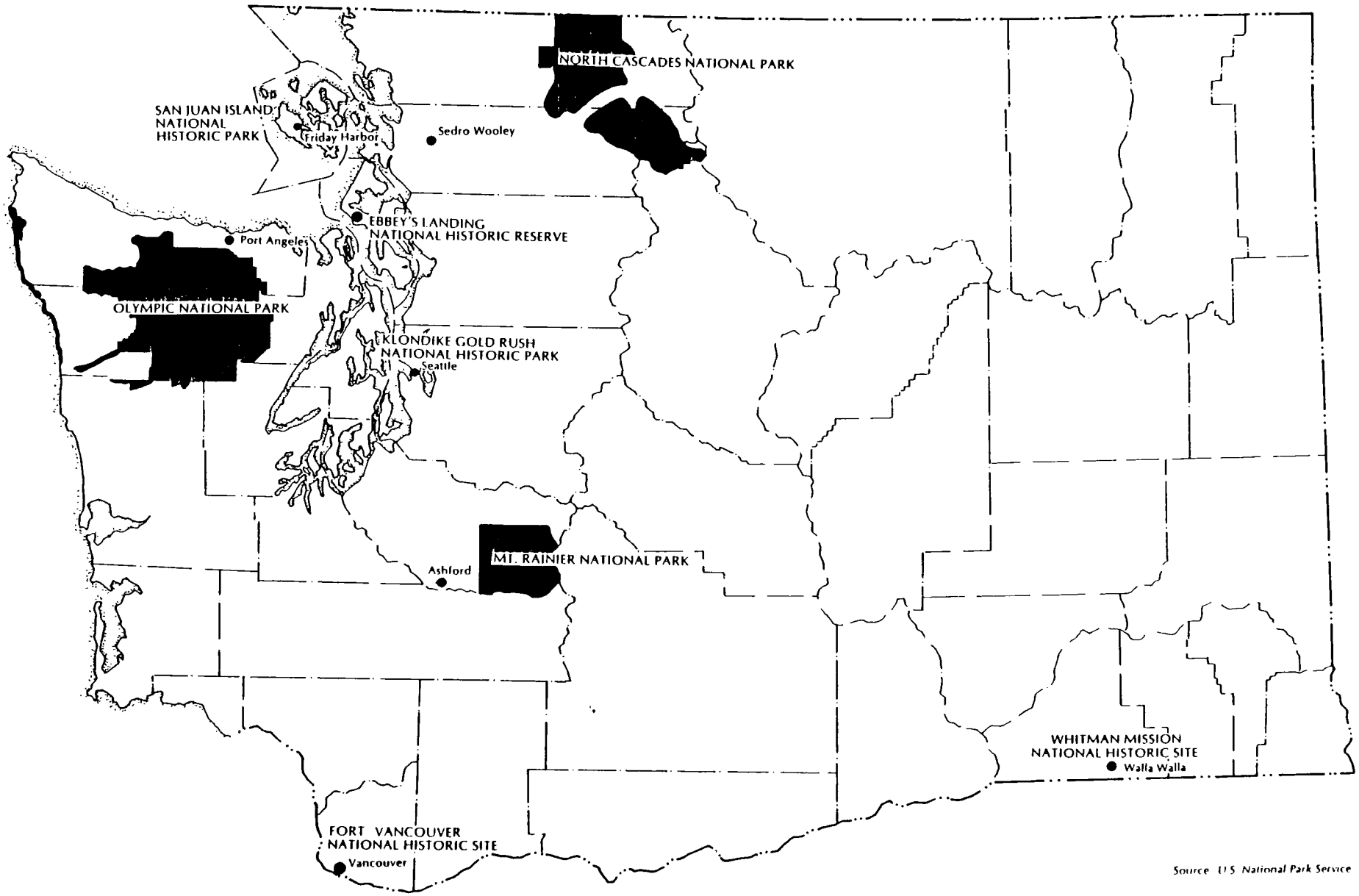
Source: *Washington State Yearbook*

POWER GENERATING FACILITIES



Source: U.S. Department of Energy

NATIONAL PARKS



Source: U.S. National Park Service

NATIONAL FORESTS AND WILDERNESS AREAS