



Province of
British Columbia

Ministry of
Forests

MEMORANDUM

To: P. Humphries
Protection Branch
Victoria

From: Kamloops Region
Date: 1986-09-19
File: 760-1-4

MINISTRE DE FORESTS

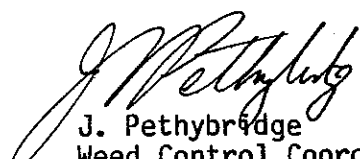
SEP 23 1986

MINL ROOM
VICTORIA, B.C.

Re: F.S. Internal Report PM-PB, 25 June 1986

On page 2 under the heading, Products to be used, there are the following mistakes:

1. Use of the word Tordon refers to any one of 3 or more different pesticides. It must be specified that we are using Tordon 22K.
2. The rate of application of Tordon 22K is .5 kg a.i. per hectare or 2.25 liters of Tordon 22K per hectare and not 1.0 and 3.33 respectively as stated. This is as specified under permit and on the label for Tordon 22K.


J. Pethybridge
Weed Control Coordinator
Kamloops Region

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319R

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PROTECTION BR.
B.C.F.S. VICTORIA

PROPOSED PESTICIDE USE ON
CROWN FOREST LAND
1986/87

British Columbia Ministry of Forests
Victoria, British Columbia
Forest Service Internal Report
PM-PB-25

June, 1986

by
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Protection Branch
and
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Silviculture Branch

Not for Publication

(The contents of this report may not be cited in whole or part without the written approval of the Director, Protection Branch, Ministry of Forests, 1450 Government Street, Victoria, B.C. V8W 3E7)

TABLE OF CONTENTS

	<u>Page</u>
A.	
Introduction	1
General	1
Details of Area	1
Definition of Terms	1
Products to be Used	1
Methods of Application	2
Season of Application	3
B.	
Provincial Summary	
Table 1: Area (ha) Scheduled for treatment by Purpose	5
Table 2: Area (ha) Scheduled for Treatment by Method	6
C.	
Regional Summaries	
Vancouver	7
Prince Rupert	8
Prince George	9
Kamloops	10
Nelson	11
Cariboo	12
D.	
District Summaries	
Vancouver	13 - 23
Prince Rupert	24 - 29
Prince George	30 - 38
Kamloops	39 - 45
Nelson	46 - 52
Cariboo	53 - 57

Proposed Pesticide Use on Crown Forest Land 1986/87

Introduction

This report summarizes data, as supplied by the Regional Offices and is a projection of pesticide use, subject to factors such as weather, current staffing and financial levels, by the Ministry of Forests and Licensees for the 1986/87 fiscal year. Areas quoted in this report are only a reflection of potential needs for stand tending and other activities, as seen by district and regional managers, and, as such, may differ from official ministry goals.

General

Pesticide use on Crown forest land is administered under the direction of either the Protection, Range Management or Silviculture branches of the Ministry.

Currently, Range Management branch supplies direction on the use of herbicides for the purpose of Noxious Weed Control on forest lands designated for Crown range use. The objective of this treatment is to control the spread of undesirable plant species which may seriously reduce forage production.

Protection branch administers the use of pesticides for the purpose of controlling the destructive effects of insects and disease. Primarily, this entails the use of insecticides and fungicides.

The largest use of pesticides, is administered by the Silviculture branch under the Vegetation Management Program. This includes herbicide treatments for the purpose of Right-of-Way Maintenance, Seed Tree Control, Site Rehabilitation, Conifer Release, Site Preparation and Brushing & Weeding. The objective of these treatments, with the exception of Right-of-Way Maintenance, is to enhance conifer survival and growth through control of undesirable non-crop plant species. On most sites, the use of herbicides has proven to be the most successful and cost effective method of controlling weed species.

Details of Area

During the 85/86 fiscal year approximately 22 000 ha of Crown forest land was treated with herbicides.

During the 86/87 fiscal year ministry and industry personnel plan to treat 40 435 hectares with pesticides. This represents an 84% increase in area over the previous year, and approximately 0.07% of the existing Crown forest lands in the Province. Of the area proposed for treatment, approximately 878 ha (2.2%) will be treated for Range Management purposes, 521 ha (1.3%) for Insect Control and the remaining 39 036 ha (97.8%) for Vegetation Management, (see Table 1).

Definition of Terms

The primary objective of herbicide treatment is vegetation control, but specifically this has been sub-classified by purpose. These sub-classifications include:

- ¹Conifer Release - a treatment to free established crop trees from competition by undesirable vegetation that is overtopping or surrounding them. The intent is to enhance growth rather than survival of crop trees.
- ²Brushing & Weeding - a cultural operation, performed during the seeding stage of the crop trees, to control competing undesirable vegetation. This operation promotes the survival and growth of the crop trees.
- Right-of-Way Maintenance - a maintenance treatment to prevent undesirable roadside vegetation from invading a crop tree site, and to promote general road safety.
- Seed Tree Control - a preventative measure to reduce or eliminate reinvasion of a crop tree site by seed dispersion from nearby undesirable species.
- Site Preparation - a treatment to prepare a site for the favourable reception and satisfactory growth of either naturally or artificially disseminated crop tree seed or planted seedlings.

The use of insecticides, includes the following:

- Trap Tree - a treatment commonly involving stem injection of select conifers with an insecticide, for the purpose of attracting and controlling undesirable insect populations.

Details on hectares proposed for treatment by purpose, for each forest district, and forest region, as well as provincial totals, are attached.

Products to be Used

The following table gives details on pesticides scheduled for use and their general application rates when they are applied as foliar sprays.

Pesticide Common Name	Trade Name	Category*	Rates of Application	
			kg a.i. per ha	kg. product per ha
permethrin	Ambush	I		
asulam	Asulox	H	2.2	5.5
glyphosate	Roundup	H	2.0	5.6
hexazinone	Velpar	H	6.0	20.0
M.S.M.A.	Glowon	H	n/a	n/a
picloram	Tordon	H	1.0	3.33
2,4-D	Forestamine	H	3.0	6.0

*I-Insecticide

*H-Herbicide

^{1,2}Some overlap in these categories can be expected in this report

Methods of Application

Pesticides may be applied by a variety of methods depending on the product, formulation and treatment objective. Details of the area scheduled for treatment by method are presented in Table 2.

1. Aerial Foliar

Of the total 40 435 ha scheduled for pesticide treatment, 14 083 ha (35%) will be treated by aerial foliar spraying. Helicopters will be used for most (84%) of the area. Fixed wing aircraft will be used for the remaining 2250 ha (16%). At this time fixed wing aircraft are being utilized only in the Peace River area of the Province, but are receiving serious consideration in the Kamloops region.

Due to the lower cost of application by fixed-wing aircraft, it is expected that this technique will gain popularity in the coming years throughout the interior regions.

2. Ground Applications

A total of 14 977 ha (37% of the scheduled pesticide program) is proposed for treatment by ground application. This method involves the use of such tools as backpacks and tank sprayers for foliar application, and the use of the "spot gun" for spot application of the herbicide Velpar (hexazinone).

Most regions maintain a close balance in area scheduled for treatment between aerial and ground techniques. The only exception is the Cariboo region which intends, for this year, to carry out all foliar spraying by ground application.

3. Injection

A total of 11 375 ha (28%) will be treated by stem injection (hack & squirt) techniques.

The stem injection application method is primarily used for Conifer Release and Seed Tree Control treatments, involving Roundup (glyphosate) and to a minor extent 2,4-D Amine.

Recently, the application of MSMA, applied by stem injection, to conifers, has gained popularity for the purpose of establishing trap trees for insect control. MSMA has also been used for many years as a conifer herbicide in juvenile spacing operations.

Seasons of Application

Season of application is not indicated in the attached summaries. However, greater than 90% of the area will be treated during the summer months. The remainder will be applied in the spring and fall seasons.

Generally the spring season is preferred for Site Preparation treatments and for projects involving the use of Velpar (hexazinone). For projects where conifers already exist on the site (eg. Conifer Release and Brushing & Weeding), treatments are usually conducted during the mid to late summer period, when conifers are not as susceptible to damage by the herbicide.

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

Table 1: Area (ha) Scheduled for Treatment by Purpose

FOREST REGION	SILVICULTURE	INSECT	RANGE	TOTAL
Cariboo	449	73	70	592
Kamloops	6 768	160	374	7,302
Nelson	1 081	-	216	1 297
Prince George	17 890	148	178	18 216
Prince Rupert	4 838	140	40	5 018
Vancouver	8 010	-	-	8 010
Total	39 036	521	878	40,435
%	(96.5)	(1.3)	(2.2)	(100)

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

Table 2: Area (ha) Scheduled for Treatment by Method

FOREST REGION	Aerial Spray			Ground Application			Injection			Total		
	BCFS	FI	Total	BCFS	FI	Total	BCFS	FI	Total	BCFS	FI	Total
Cariboo	-	-	-	542	-	542	50	-	50	592	-	592
Kamloops	694	250	944	3 813	212	4 025	1 362	971	2 333	5 869	1 433	7 302
Nelson	382	102	484	627	25	652	17	144	161	1 026	271	1 297
P. George	3 815	3 801	7 616	2 683	2 683	5 366	985	4 249	5 234	7 483	10 733	18 216
P. Rupert	1 216	686	1 902	1 610	661	2 271	485	360	845	3 311	1 707	5 018
Vanc.	1 582	1 555	3 137	672	1 449	2 121	970	1 782	2 752	3 224	4 786	8 010
Total	7 689	6 394	14 083	9 947	5 030	14 977	3 869	7 506	11 375	21 505	18 930	40 435

% (35) (37) (28) (100)

IFI = Forest Industry

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1 360	glyphosate	943	405	
		2,4-D		12	
Conifer Release	1 415	glyphosate	290	144	72
		2,4-D		38	871
Site Preparation	309	glyphosate	209	73	27
Site Rehabilitation	140	glyphosate	140		
Sub Total	3 224		1 582	672	970
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	1 081	glyphosate	529	550	
		2,4-D		2	
Conifer Release	3 414	glyphosate	882	479	244
		hexazinone		10	
		2,4-D		261	1 538
Right-of-Way Maint.	92	glyphosate		92	
Site Preparation	191	glyphosate	144	47	
Site Rehabilitation	8	glyphosate		8	
Sub Total	4 786		1 555	1 449	1 782
Total	8 010		3 137	2 121	2 752

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1 133	glyphosate	108	831	75
Conifer Release	1 061	2,4-D glyphosate	696	119 240	50
Range Weed Control	40	hexazinone		75	
Right-of-Way Maint.	80	picloram		40	
Seed Tree Control	280	2,4-D		80	
		glyphosate			180
		2,4-D			100
Site Preparation	597	hexazinone		225	
		glyphosate	372		
Site Rehabilitation	120	glyphosate	40		80
Subtotal	3 311		1 216	1 610	485
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	436	glyphosate		150	
		hexazinone		286	
Conifer Release	280	glyphosate	280		
Insect Control	140	permethrin		100	
		MSMA			40
Seed Tree Control	300	glyphosate			300
Site Preparation	145	glyphosate		100	20
		hexazinone		25	
Site Rehabilitation	406	glyphosate	406		
Subtotal	1 707		686	661	360
Total	5 018		1 902	2 271	845

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
BCFS:					
Brushing & Weeding	6 280	glyphosate	3 195	2 248	837
Insect Control	148	MSMA			148
Range Weed Control	178	glyphosate		70	
		picloran		108	
Site Preparation	877	glyphosate	620	27	
		hexazinone		230	
Subtotal					
	7 483		3 815	2 683	985
FOREST INDUSTRY:					
Brushing & Weeding	8 905	glyphosate	3 363	1 293	4 249
Right-of-Way Maint.	50	picloram		50	
Site Preparation	1 778	glyphosate	298		
		hexazinone		1 340	
		2,4-D	140		
Subtotal					
	10 733		3 801	2 683	4 249
Total					
	18 216		7 616	5 366	5 234

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1 545	glyphosate	425	945	175
Conifer Release	2 358	glyphosate	125	1 695	306
		hexazinone		232	
Insect Control	160	B.T.	70		
		carbaryl	74		
		MSMA			16*
Range Weed Control	374	picloram		374	
Site Preparation	591	glyphosate		520	25
		hexazinone		46	
Seed Tree Control	541	glyphosate			540
		hexazinone		1	
Juvenile Spacing	300	MSMA			300
Subtotal	5 869		694	3 813	1 362
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	250	glyphosate	250		
Conifer Release	683	glyphosate		157	471
		glyphosate		35	
		hexazinone		20	
Seed Tree Control	500	glyphosate			500
Subtotal	1 433		250	212	971
Total	7 302		944	4 025	2 333

* To be carried out, as required, throughout the region. Not included in the individual District summaries.

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	373	asulam		40	
		glyphosate		173	17
		hexazinone		13	
		2,4-D	95	35	
Range Weed Control	216	picloram		216	
Site Preparation	113	glyphosate		22	
		hexazinone		1	
		2,4-D	90		
Site Rehabilitation	324	glyphosate	197	127	
<hr/>					
Subtotal	1026		382	627	17
<hr/>					
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	127	glyphosate	102	13	
		2,4-D		12	
Seed Tree Control	144	glyphosate			72
		2,4-D			72
<hr/>					
Subtotal	271		102	25	144
<hr/>					
Total	1297		484	652	161

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: REGIONAL TOTAL

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	349	glyphosate		348	
		2,4-D		1	
Conifer Release	100	hexazinone		100	
Insect Control	73	carbaryl		23	
		MSMA			50
Range Weed Control	70	glyphosate		10	
		picloram		60	
Total	592			542	50

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: CHILLIWACK (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	498	glyphosate	498		
Conifer Release	209	glyphosate	167		
		2,4-D			42
Site Preparation	145	glyphosate	145		
Site Rehabilitation	140	glyphosate	140		
Sub Total	992		950		42
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	120	glyphosate	80	40	
Conifer Release	30	glyphosate	30		
Sub Total	150		110	40	
Total	1 142		1 060	40	42

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: MAPLE RIDGE (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	65	glyphosate		65	
Conifer Release	10	glyphosate			10
Sub Total	75			65	10
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	50	glyphosate		50	
Conifer Release	17	glyphosate		17	
Sub Total	67			67	
Total	142			132	10

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: SQUAMISH (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	200	glyphosate	145	55	
Site Preparation	27	glyphosate			27
Sub Total	227		145	55	27
<u>FOREST INDUSTRY:</u>					
Conifer Release	209	glyphosate	141	68	
Sub Total	209		141	68	
Total	436		286	123	27

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: SECHELT (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	7	glyphosate		7	
Conifer Release	37	glyphosate		37	
Site Preparation	33	glyphosate		33	
Sub Total	77			77	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	50	glyphosate		50	
Sub Total	50			50	
Total	127			127	

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: POWELL RIVER (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	165	glyphosate	133	32	
Conifer Release	75	glyphosate	75		
Sub Total	240		208	32	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	400	glyphosate	225	175	
Site Rehabilitation	8	glyphosate		8	
Sub Total	408		225	183	
Total	648		433	215	

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: DUNCAN (6)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	64	glyphosate		52	
		2,4-D		12	
Conifer Release	48	glyphosate		48	
<hr/>					
Sub Total	112			112	
<hr/>					
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	21	glyphosate		19	
		2,4-D		2	
Conifer Release	348	glyphosate	211	35	33
		2,4-D		2	67
Site Preparation	34	glyphosate		34	
<hr/>					
Sub Total	403		211	92	100
<hr/>					
Total	515		211	204	100

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: PORT ALBERNI (7)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	127	glyphosate	75	52	
Conifer Release	170	glyphosate		4	
		2,4-D			166
Site Preparation	40	glyphosate		40	
<hr/>					
Sub Total	337		75	96	166
<hr/>					
<u>FOREST INDUSTRY:</u>					
Conifer Release	381	glyphosate			45
		2,4-D		245	91
Right-of-Way Maint.	71	glyphosate		71	
<hr/>					
Sub Total	452			316	136
<hr/>					
Total	789		75	412	302

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: CAMPBELL RIVER (8)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	202	glyphosate	92	110	
Conifer Release	626	glyphosate	48	55	62
		2,4-D		38	423
Site Preparation	64	glyphosate	64		
Sub Total	892		204	203	485
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	398	glyphosate	224	174	
Conifer Release	1 140	glyphosate	46	20	
		2,4-D		14	1 060
Right-of-Way Maint.	21	glyphosate		21	
Site Preparation	99	glyphosate	86	13	
Sub Total	1 658		356	242	1 060
Total	2 550		560	445	1 545

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: PORT MCNEILL (9)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	185	2,4-D			185
Sub Total	185				185
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	42	glyphosate		42	
Conifer Release	663	glyphosate	354	90	164
		hexazinone		10	
		2,4-D			45
Site Preparation	58	glyphosate	58		
Sub Total	763		412	142	209
Total	948		412	142	394

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: MID COAST (10)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>FOREST INDUSTRY:</u>					
Conifer Release	332	glyphosate	100	232	
Sub Total	332		100	232	
Total	332		100	232	

SUMMARY OF PROPOSED PESTICIDE USE (1986)
BCFS AND FOREST INDUSTRY

FOREST REGION: VANCOUVER (1)

FOREST DISTRICT: QUEEN CHARLOTTE (11)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	32	glyphosate		32	
Conifer Release	55	2,4-D			55
Sub Total	87			32	55
<u>FOREST INDUSTRY:</u>					
Conifer Release	294	glyphosate		17	2
		2,4-D			275
Sub Total	294			17	277
Total	381			49	332

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: LAKES (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	230	glyphosate		44	
		2,4-D	108	78	
Site Preparation	225	hexazinone		225	
<hr/>					
Subtotal	455		108	347	
<hr/>					
Total	455		108	347	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: MORICE (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	170	glyphosate		50	
		hexazinone		120	
Range Weed Control	40	picloram		40	
Seed Tree Control	200	glyphosate			100
		2,4-D			100
Subtotal	410			210	200
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	436	glyphosate		150	
		hexazinone		286	
Conifer Release	280	glyphosate	280		
Insect Control	140	permethrin		100	
		MSMA			40
Seed Tree Control	300	glyphosate			300
Site Preparation	145	glyphosate		100	20
		hexazinone		25	
Subtotal	1 301		280	661	360
Total	1 711		280	871	560

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: BULKLEY (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	721	glyphosate hexazinone	696	25	
Site Preparation	222	glyphosate	222		
Subtotal	943		918	25	
Total	943		918	25	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: KISPIOX (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	853	glyphosate	703		75
		2,4-D	75		
Seed Tree Control	80	glyphosate			80
Site Preparation	150	glyphosate	150		
Subtotal	1 083		928		155
Total	1 083		928		155

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: KALUM (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	120	glyphosate		120	
Right-of-Way Maint.	80	2,4-D		80	
Subtotal	200			200	
Total	200			200	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE RUPERT (2)

FOREST DISTRICT: NORTH COAST (6)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	50	glyphosate		50	
Conifer Release	50	glyphosate			50
Site Rehabilitation	120	glyphosate	40		80
Subtotal	220		40	50	130
<u>FOREST INDUSTRY:</u>					
Site Rehabilitation	406	glyphosate	406		
Subtotal	406		406		
Total	626		446	50	130

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: PRINCE GEORGE
WEST (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1 236	glyphosate	975	84	177
Insect Control	33	MSMA			33
Range Weed Control	2	picloram		2	
Site Preparation	213	glyphosate	190	23	
<hr/>					
Subtotal	1 484		1 165	109	210
<hr/>					
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	2 884	glyphosate		280	2 604
Right-of-Way Maint.	50	picloram		50	
Site Preparation	170	hexazinone		30	
		2,4-D	140		
<hr/>					
Subtotal	3 104		140	360	2 604
<hr/>					
Total	4 588		1 305	469	2 814

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: PRINCE GEORGE
EAST (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1 679	glyphosate	290	789	600
Range Weed Control	26	picloram		26	
Subtotal	1 705		290	815	600
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	1 974	glyphosate	1 775	199	
Site Preparation	175	hexazinone		125	
		glyphosate	50		
Subtotal	2 149		1 825	324	
Total	3 854		2 115	1 139	600

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: MOBRIDE (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	260	glyphosate	260		
Range Weed Control	90	glyphosate		45	
		picloram		45	
Site Preparation	248	glyphosate	248		
Subtotal	598		508	90	
Total	598		508	90	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: VANDERHOOF (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	374	glyphosate		374	
Subtotal	374			374	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	1 066	glyphosate	100	23	943
Subtotal	1 066		100	23	943
Total	1 440		100	397	943

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: FORT ST. JAMES (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	784	glyphosate	241	483	60
Site Preparation	412	hexazinone		230	
		glyphosate	182		
Subtotal	1 196		423	713	60
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	1 092	hexazinone		185	
		glyphosate		205	702
Subtotal	1 092			390	702
Total	2 288		423	1 103	762

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE

FOREST DISTRICT: MACKENZIE (6)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD AND SEASON		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
BCFS:					
Brushing & Weeding	447	Glyphosate	3	444	
Insect	115	MSMA			115
Subtotal	562		3	444	115
Forest Industry:					
Brushing & Weeding	1 647	Hexazinone		1 000	
		Glyphosate	61	586	
Subtotal	1 647		61	1 586	
Total	2 209		64	2 030	115

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE

FOREST DISTRICT: DAWSON CREEK (7)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD AND SEASON		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<hr/>					
BCFS:					
Brushing & Weeding	303	Glyphosate	229	74	
Range Weed	50	Glyphosate		25	
		Picloram		25	
<hr/>					
Subtotal	353		229	124	
<hr/>					
Forest Industry:					
Brushing & Weeding	117	Glyphosate	117		
<hr/>					
Subtotal	117		117		
<hr/>					
Total	470		346	124	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: FORT ST. JOHN (8)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	998	glyphosate	998		
Range Weed Control	10	picloram		10	
Site Preparation	4	glyphosate		4	
Subtotal	1 012		998	14	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	1 310	glyphosate	1 310		
Subtotal	1 310		1 310		
Total	2 322		2 308	14	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: PRINCE GEORGE (3)

FOREST DISTRICT: FORT NELSON (9)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	199	glyphosate	199		
Subtotal	199		199		
Total	199		199		

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: CLEARWATER (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	300	glyphosate			300
Range Weed Control	8	picloram		8	
Site Preparation	200	glyphosate		200	
Juvenile Spacing	300	glowon			300
Subtotal	808			208	600
<u>FOREST INDUSTRY:</u>					
Conifer Release	628	glyphosate		157	471
Subtotal	628			157	471
Total	1 436			365	1 071

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: KAMLOOPS (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	752	glyphosate	125	549	
		hexazinone		78	
Insect Control	144	B.T.	70		
		carbaryl	74		
Range Weed Control	160	picloram		160	
Site Preparation	196	glyphosate		150	
		hexazinone		46	
Seed Tree Control	500	glyphosate			500
Subtotal	1 752		269	983	500
<u>FOREST INDUSTRY:</u>					
Conifer Release	55	glyphosate		35	
		hexazinone		20	
Subtotal	55			55	
Total	1 807		269	1 038	500

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: SALMON ARM (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	187	glyphosate		130	
		hexazinone		57	
Range Weed Control	11	picloram		11	
<hr/>					
Subtotal	198			198	
<hr/>					
Total	198			198	
<hr/>					

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: VERNON (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	370	glyphosate		370	
Conifer Release	584	glyphosate		584	
	1	hexazinone		1	
Range Weed Control	30	picloram		30	
Site Preparation	145	glyphosate		145	
Seed Tree Control	40	glyphosate			40
	1	hexazinone		1	
Subtotal	1 171			1 131	40
Total	1 171			1 131	40

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: PENTICTON (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	125	glyphosate		81	
		hexazinone		44	
Range Weed Control	15	picloram		15	
<hr/>					
Subtotal	140			140	
<hr/>					
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	250	glyphosate	250		
Seed Tree Control	500	glyphosate			500
<hr/>					
Subtotal	750		250		500
<hr/>					
Total	890		250	140	500

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: MERRITT (6)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	625	glyphosate		550	75
Conifer Release	377	hexazinone		52	
		glyphosate		325	
Range Weed Control	130	picloram		130	
Subtotal	1 132			1 057	75
Total	1 132			1 057	75

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: KAMLOOPS (4)

FOREST DISTRICT: LILLOOET (7)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	550	glyphosate	425	25	100
Conifer Release	32	glyphosate		26	6
Range Weed Control	20	picloram		20	
Site Preparation	50	glyphosate		25	25
Subtotal	652		425	96	131
Total	652		425	96	131

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: CRANBROOK (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<hr/>					
<u>BCFS:</u>					
Brushing & Weeding	1	glyphosate		1	
Range Weed Control	60	picloram		60	
Site Preparation	1	hexazinone		1	
<hr/>					
Total	62			62	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: INVERMERE (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Range Weed Control	20	picloram		20	
Total	20			20	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: GOLDEN (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	56	glyphosate hexazinone 2,4-D		15 6 35	
Subtotal	56			56	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	25	roundup 2,4-D		13 12	
Seed Tree Control	144	roundup 2,4-D			72 72
Subtotal	169			25	144
Total	225			81	144

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: REVELSTOKE (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	5	glyphosate		3	
		hexazinone		2	
Site Rehabilitation	324	glyphosate	197	127	
Subtotal	329		197	132	
<u>FOREST INDUSTRY:</u>					
Brushing & Weeding	102	glyphosate	102		
Subtotal	102		102		
Total	431		299	132	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: ARROW (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	25	glyphosate		25	
Range Weed Control	25	picloram		25	
Site Preparation	15	glyphosate		15	
Total	65			65	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: BOUNDARY (6)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Range Weed Control	110	picloram		110	
Total	110			110	

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: NELSON (5)

FOREST DISTRICT: KOOTENAY LAKE (7)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	286	asulam		40	
		glyphosate		129	17
		hexazinone		5	
		2,4-D	95		
Range Weed Control	1	picloram		1	
Site Preparation	97	glyphosate		7	
		2,4-D	90		
Total	384		185	182	17

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: QUESNEL (1)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Conifer Release	100	hexazinone		100	
Insect Control	36	carbaryl		12	
		MSMA			24
Range Weed Control	14	glyphosate		10	
		picloram		4	
Total	150			126	24

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: WILLIAMS LAKE (2)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	346	glyphosate		346	
Insect Control	21	carbaryl		4	
		MSMA			17
Range Weed Control	4	picloram		4	
Total	371			354	17

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: HORSEFLY (3)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	2	glyphosate		1	
		2,4-D		1	
Insect Control	10	carbaryl		4	
		MSMA			6
Range Weed Control	2	picloram		2	
Total	14			8	6

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: 100 MILE HOUSE (4)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Brushing & Weeding	1	glyphosate		1	
Insect Control	6	carbaryl		3	
		MSMA			3
Range Weed Control	40	picloram		40	
Total	47			44	3

SUMMARY OF PROPOSED PESTICIDE USE (1986)

BCFS AND FOREST INDUSTRY

FOREST REGION: CARIBOO (6)

FOREST DISTRICT: CHILCOTIN (5)

TREATMENT PURPOSE	TREATMENT AREA (ha)	PESTICIDES	AREA (ha) BREAKDOWN BY TREATMENT METHOD		
			AERIAL SPRAY	GROUND APPLICATION	INJECTION
<u>BCFS:</u>					
Range Weed Control	10	picloram		10	
Total	10			10	