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# SENATE FINANCE COMMITTEE REPORT

DATE: 3/6/90

FURTHER:

DATE TURNED INTO OFFICE: 4/27/90

The Finance Committee considered

SB 511

"An Act making special appropriations to the Department of Natural Resources for reforestation; and providing for an effective date."

and recommended:

replace with \_\_\_\_\_ CS SB 511 (FIN)  
 or adopt \_\_\_\_\_ CS \_\_\_\_\_  
 attached amendment(s)  
 \_\_\_\_\_ letter of intent adopted

same title  
 new title  
 technical title change (HB only)

do pass

do not pass

no recommendation

individual recommendations

further referral to \_\_\_\_\_

ATTACHES NEW FISCAL NOTE(S):

Dept/Date:

fiscal note(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

zero fiscal note(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

APPROVES PREVIOUS:

Dept/Date:

fiscal note(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

zero fiscal note(s) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

appropriation-no fiscal note

*\$1,950,000*

SIGNING DO PASS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

OTHER RECOMMENDATIONS:

\_\_\_\_\_  
 \_\_\_\_\_

1. No Rec

2. \_\_\_\_\_

Co-Chairs: Signatures and Recommendations

6-2270E  
Bradley/Cramer  
4/6/90  
Uehling  
4/6/90

Funding Information: General Fund <sup>1,950,000</sup> ~~\$2,613,000~~  
Other Funds - 0 -  
\$2,613,000  
1,950,000

Original sponsor(s): Resources Committee

1 IN THE SENATE

2 CS FOR SENATE BILL NO. 511 (*Fix*)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 SIXTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making special appropriations to the Depart-  
7 ment of Natural Resources for reforestation; and  
8 providing for an effective date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. PURPOSE. The purpose of this appropriation is to enable  
11 the Department of Natural Resources to carry out its powers and duties  
12 under AS 41.17, to respond to the need for a dependable supply of high  
13 quality forest seedlings for land in the state, to rehabilitate the areas  
14 devastated by the spruce bark beetle and by fire, to enable the State  
15 Forest Nursery in Eagle River to supply seedlings to reclaim land currently  
16 unreforested, including a substantial backlog of unreforested land, and to  
17 continue and enhance forest research.

18 \* Sec. 2. The sum of \$<sup>1,000,000</sup>~~1,051,000~~ is appropriated from the general fund  
19 to the Department of Natural Resources, division of forestry, for capital  
20 expenses incurred while engaged in reforestation.

21 \* Sec. 3. The sum of \$<sup>950,000</sup>~~1,501,000~~ is appropriated from the general fund  
22 to the Department of Natural Resources, state land reforestation fund  
23 (AS 41.17.310).

24 \* Sec. 4. The appropriation made by sec. 2 of this Act is for a capital  
25 project and is subject to AS 37.25.010.

26 \* Sec. 5. This Act takes effect July 1, 1990.

4/27/90



# Alaska State Legislature

## SENATE

Official Business

P.O. Box V  
State Capitol  
Juneau, Alaska 99811

### MEMORANDUM

TO: Senator John Binkley

FROM: Senator Bettye Fahrenkamp

DATE: April 20, 1990

RE: Reforestation program funding for FY 91

The following figures would give the Division of Forestry a barebones nursery staff, dependent upon inmate labor. This level of funding is not what's required, but they can get by on a phase-in basis.

Operation	\$950.0
Capital Improvement	1,000.0
Total	\$1,950.0

# Alaska State Legislature

## Senate Resources Committee

Senator Bettye Fahrenkamp, Chairman

Senator Jay Kerttula, Vice Chairma.,  
Senator Dick Ellason  
Senator Steve Frank  
Senator Rick Halford  
Senator Artliss Sturgulewski  
Senator Fred Zharoff



P.O. Box V  
Juneau, Alaska 99811  
(907) 465-4907

**TO:** SENATOR RICK UEHLING  
CO-CHAIRMAN, SENATE FINANCE COMMITTEE

**FROM:** SENATOR BETTYE FAHRENKAMP  
CHAIRMAN, SENATE RESOURCES COMMITTEE

**DATE:** MARCH 7, 1990

**RE:** REQUEST FOR HEARING SB 511, AN ACT MAKING SPECIAL CAPITAL AND OPERATING APPROPRIATIONS TO THE DEPARTMENT OF NATURAL RESOURCES FOR REFORESTATION.

I WOULD LIKE TO REQUEST THAT THE SENATE FINANCE COMMITTEE HEAR SB 511 AS SOON AS YOUR SCHEDULE PERMITS.

THE BILL WOULD MAKE SPECIAL APPROPRIATIONS TO DNR FOR REFORESTATION TO BEGIN ALLEVIATING A FIVE YEAR BACKLOG.

ENCLOSED IS THE BACKUP MATERIAL. PLEASE FEEL FREE TO CALL ME IF YOU HAVE ANY QUESTIONS.

REGENERATION PROGRAM ON STATE LAND  
ANNUAL ACCOMPLISHMENT/COSTS  
BY PERIOD

EACH FY 91-FY96

EACH FY 97-ON

NORTHERN REGION

	<del>85,501</del>	
PERSONAL SERVICES	<del>\$169,660</del>	\$93,316
	<del>2</del> FTE	2 FTE
PLANTING	<del>930</del> ACRES/YEAR	500 ACRES/YEAR
CONTRACTS	<del>\$139,500</del> 104,500	\$75,000
SUPPORT	1286 4,650	2,500
SCARIFICATION	<del>1920</del> ACRES/YEAR	500 ACRES/YEAR
CONTRACTS	<del>\$153,600</del> 113,600	\$40,000
SUPPORT	648 9,600	2,500
DIRECT SEEDING	<del>800</del> ACRES/YEAR	0
CONTRACTS	\$ <del>24,000</del> 13,000	0
SUPPORT	4,000	0
SEED	1084 <del>12,000</del> 14,000	0
REGEN. SURVEYS	<del>1160</del> ACRES/YEAR	660 ACRES/YEAR
CONTRACTS	\$ <del>11,600</del> 1,600	\$ 6,600
SUPPORT	0	3,300
<b>TOTAL</b>	<del>\$528,610</del> 346,451	<b>\$223,216</b>

SOUTHCENTRAL REGION

	<del>42,219</del>	
PERSONAL SERVICES	<del>\$42,219</del>	\$42,219
	<del>1</del> FTE	1 FTE
PLANTING	<del>267</del> ACRES/YEAR	52 ACRES/YEAR
CONTRACTS	\$ <del>40,050</del> 39050	\$ 7,800
SUPPORT	234 1,335	260
SCARIFICATION	<del>316</del> ACRES/YEAR	115 ACRES/YEAR
CONTRACTS	\$ <del>25,280</del> 20,280	\$ 9,200
SUPPORT	1,580	575
DIRECT SEEDING	55 ACRES/YEAR	55 ACRES/YEAR
CONTRACTS	\$ 1,650	\$ 1,650
SUPPORT	275	275
SEED	<del>825</del> 140	825
REGEN. SURVEYS	390 ACRES/YEAR	390 ACRES/YEAR
CONTRACTS	\$ 3,900	\$ 3,900
SUPPORT	0	1,950
<b>TOTAL</b>	<del>\$117,114</del> 59,175	<b>\$ 68,654</b>

SOUTHEAST REGION

PERSONAL SERVICES	<del>\$42,219</del>		\$42,219
	<del>1 FTE</del>		1 FTE
	61		
PLANTING	<del>125</del> ACRES/YEAR		70 ACRES/YEAR
CONTRACTS	\$ <del>18,750</del> 13,750		\$10,500
SUPPORT	625		350
SCARIFICATION	82 ACRES/YEAR		0
CONTRACTS	\$ 6,560		0
SUPPORT	410		0
PRESCRIBED BURN	150 ACRES/YEAR		50 ACRES/YEAR
CONTRACTS	\$ 8,550		\$ 2,850
SUPPORT	1,800		600
REGEN. SURVEYS	1100 ACRES/YEAR		1100 ACRES/YEAR
CONTRACTS	\$ 11,000		\$11,000
SUPPORT	0		5,500
TOTAL	\$ <del>82,914</del> 42,695		\$ 73,019

NURSERY OPERATIONS

PERSONAL SERVICES	<del>\$488,960</del> 259,163		\$488,960
	7 1/2 <del>12</del> FTE		12 FTE
(replaced by inmates) <del>1320</del> DAYS SPOT HELP			1320 DAYS SPOT HELP
SUPPORT	<del>\$301,500</del> 217,481		\$301,500
EQUIPMENT	<del>30,000</del> 25,000		30,000
TOTAL	<del>\$820,460</del> 501,644		\$820,460

STATEWIDE SUMMARY

PERSONAL SERVICES	<del>\$743,058</del> 344,664		\$666,714
	9.5 <del>18</del> FTE		16 FTE
(replaced by inmates) <del>1320</del> DAYS SPOT HELP			1320 DAYS SPOT HELP
CONTRACTS	<del>\$444,440</del> 328,440		\$168,500
SUPPORT	<del>325,775</del> 241,756		319,310
EQUIPMENT	<del>30,000</del> 25,000		30,000
SEED	12,825	10,140	825
ANNUAL TOTAL	\$1,556,098	950,000	\$1,185,349

ONE TIME CAPITAL IMPROVEMENT BUDGET

IMPROVEMENTS TO EAGLE RIVER FACILITY	\$1,052,000
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REGION	REGEN. SURVEY	SCARIFICATION	Rx BURN	PLANTING	SEEDING	TOTALS
<b>NORTHERN</b>						
BACKLOG	500	1420	0	430	800	3150
ANNUAL	660	500	0	500	0	1660
<b>SOUTHCENTRAL</b>						
BACKLOG	0	201	0	215	0	416
ANNUAL	390	115	0	52	55	612
<b>SOUTHEAST</b>						
BACKLOG	0	82	100	55	0	237
ANNUAL	1100	0	50	70	0	1220
<b>STATEWIDE</b>						
BACKLOG	500	1703	100	700	800	3803
ANNUAL	2150	615	50	622	55	3492

NOTE: BACKLOG REFORESTATION REQUIREMENTS ARE AMORTIZED OVER FIVE YEARS

ALL FIGURES IN ACRES

3/5/90

# Alaska State Legislature

## Senate Resources Committee

Senator Bettye Fahrenkamp, Chairman

Senator Jay Kerttula, Vice Chairman  
Senator Dick Ellason  
Senator Steve Frank  
Senator Rick Hallford  
Senator Arliss Sturgulevski  
Senator Fred Zharoff



P.O. Box V  
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**TO:** SENATOR JOHNE BINKLEY  
SENATOR RICK UEHLING  
CO-CHAIRS, SENATE FINANCE COMMITTEE

**FROM:** SENATOR BETTYE FAHRENKAMP  
CHAIRMAN, SENATE RESOURCES COMMITTEE

**DATE:** MARCH 5, 1990

**RE:** SB 511, APPROPRIATIONS FOR REFORESTATION

THE SENATE RESOURCES COMMITTEE TODAY HEARD SB 511, AN ACT MAKING SPECIAL CAPITAL AND OPERATING APPROPRIATIONS TO THE DEPARTMENT OF NATURAL RESOURCES FOR REFORESTATION. A SUGGESTED AMENDMENT TO THE BILL WAS MADE REGARDING THE APPROPRIATION PROPOSED ON PAGE 1, LINES 21 TO 23. BECAUSE THE NATURE OF RAISING AND PLANTING SEEDLINGS, IT IS POSSIBLE THAT THE DIVISION WOULD NOT BE ABLE TO SPEND ALL THE FUNDS IN ONE FISCAL YEAR, BUT WOULD NEED THEM LATER ON.

IN ORDER TO NOT LAPSE THE UNEXPENDED FUNDS, BUT INSTEAD TO ALLOW THE FUNDS TO BE USED IN SUBSEQUENT FISCAL YEARS, THE SUGGESTION WAS TO PLACE THE ABOVE REFERENCED APPROPRIATION IN THE STATE LAND REFORESTATION FUND, AS 41.17.310, WHICH WOULD NOT LAPSE. SECTION 5 COULD THEN BE DELETED.

SINCE THIS IS AN APPROPRIATION BILL, AND THE MATTER WAS OF FISCAL CONCERN, THE SENATE RESOURCES COMMITTEE DID NOT TAKE ANY ACTION ON THE AMENDMENT, BUT RATHER, WOULD LIKE TO INFORM YOU OF THE SUGGESTED LANGUAGE CHANGE FOR YOUR CONSIDERATION.



## **KENAI PENINSULA BOROUGH**

144 N. BINKLEY • SOLDOTNA, ALASKA 99669  
PHONE (907) 262-4441

**DON GILMAN**  
MAYOR

**POSITION PAPER**  
**SB 511**  
**REFORESTATION OF TIMBER DEVASTATED BY**  
**SPRUCE BARK BEETLES OR FIRE**  
Presented by Marla Huss

The Kenai Peninsula Borough supports SB 511. It is the borough's position that reforestation of timber harvested areas be an integral part of a forest management program

SB 511, as introduced by the Senate Resources Committee addresses reforestation of lands devastated by the spruce bark beetle and fire. Under the current version of the bill, funds would be appropriated to DNR for capital improvements at the greenhouse in Eagle River, as well as for operation of a reforestation program in these areas.

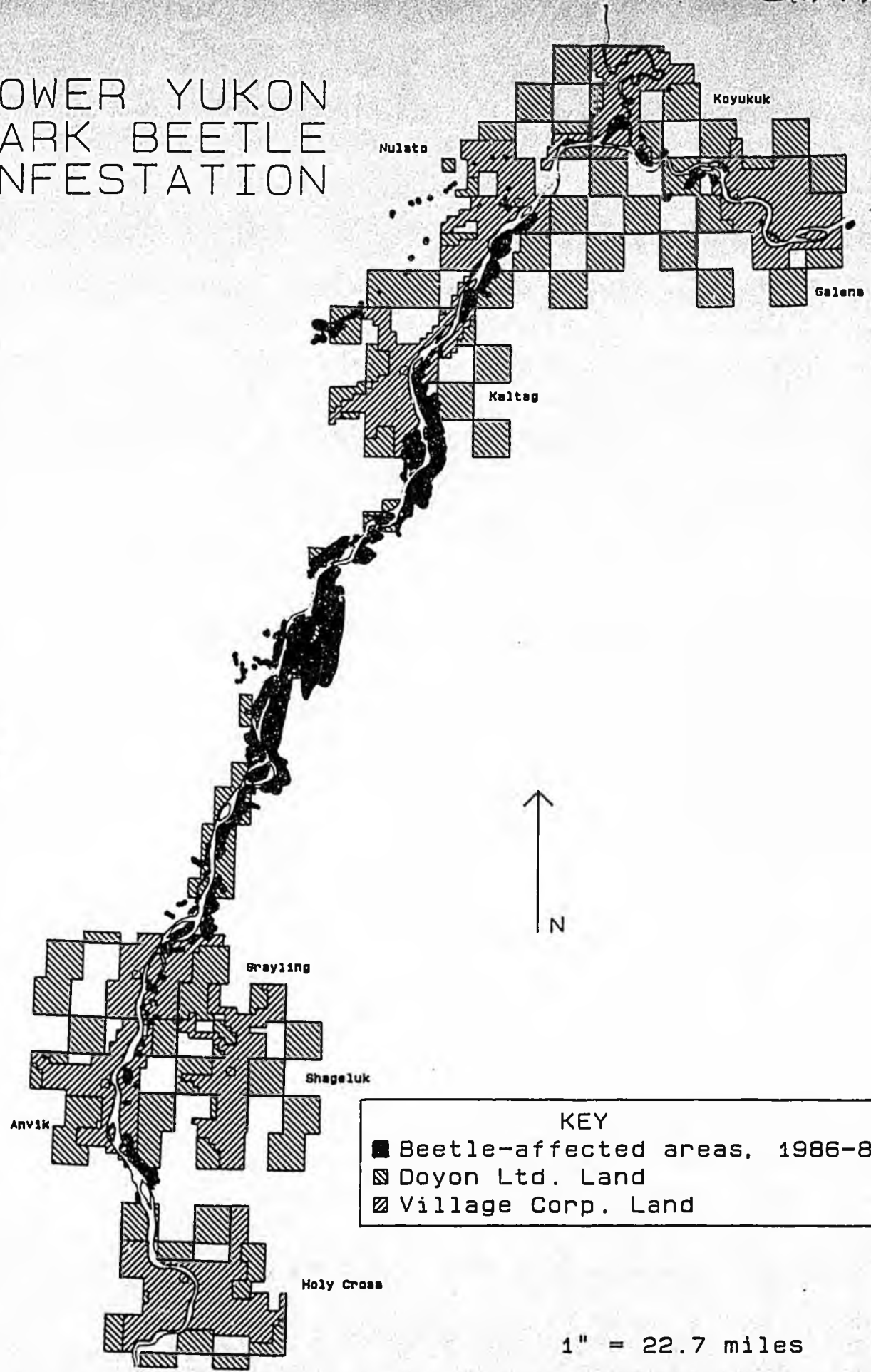
As you are well aware, spruce bark beetle infestation in Cooper Landing on the Kenai Peninsula is of epidemic proportions. The state owns approximately 6,000 acres in this region, with the remainder of the forest being under federal management. Approximately 5,300 acres of the state land has been selected by the borough, which includes almost all of the 2,000 acres of beetle infested trees. The transfer of this land will most likely occur in the next few months. To date, the timber on these lands has been managed by the State Division of Forestry, with a number of timber harvest contracts in progress or complete. Little to nothing has been done in these areas regarding planting for reforestation due to a lack of funds in the state budget.

The borough requests that intent language be adopted making lands which have previously been harvested by the state eligible for reforestation funds, even if they have been transferred to a municipality.

The borough and the State Division of Forestry are currently working in a cooperative relationship regarding management responsibility of timber harvests of proposed firebreaks in Cooper Landing. It has been agreed that management responsibilities for timber contracts and reforestation of these firebreaks would remain with the state in the event that the transfer of selected lands occurs during the project. If intent language were adopted making funds available, some type of cooperative arrangement could be worked out.

4/7/90  
Sen. Frank

# LOWER YUKON BARK BEETLE INFESTATION



KEY	
■	Beetle-affected areas, 1986-88
▨	Doyon Ltd. Land
▩	Village Corp. Land

1" = 22.7 miles

4/7/90

Bob Dick  
Forester  
Anch.

ALASKA FOREST REGENERATION CENTER

Program Description

Provide a dependable supply of high quality forest seedlings to Alaska's landowners. Seedlings would be grown to meet the requirements of AS 41.17; rehabilitate the areas devastated by the spruce bark beetle; reclaim areas currently understocked on State lands; and allow continued forest research. The existing nursery program is severely understaffed, underfunded and ill-equipped to meet the challenges that it now faces. This program would provide for the growing of the needed seedlings and the reforestation of State lands.

The projected distribution of the 1.6 million seedlings that would be grown annually includes: 350,000 to the USDA-Forest Service; 50,000 for research; 417,200 for private landowners; and 782,800 (with planting funds) for State lands. By implementing this budget, the legislature will be indicating its support for professional treatment of State owned land and preclude the necessity of forest managers having trees grown out-of-state. Training would be provided to residents of cooperating communities in the care and growing of seedlings.

On State lands the emphasis of this program is to generate contracts for private sector field accomplishments that will provide much needed stable job opportunities in rural areas. The following would be accomplished by State Region (State land only):

DESCRIPTION	N O R T H E R N REGION	SOUTHCENTRAL REGION	S O U T H E A S T REGION
A c r e s Planted	1008	227	125
Acres Seeded	670	55	-0-
Acres Site Preparation	1975	271	232
A c r e s Regeneration Survey	1660	390	1100
Estimated contracts to issue	30	7	5

Spruce bark beetles are presently causing significant mortality on nearly 200,000 acres around Southcentral and the Interior. A large portion of these acres must be reforested using state-of-the-art techniques if they are to regain their productivity. The investment in planting requires the use of high quality seedlings with high survival potential. This program would meet that need.

AS 41.17.060(4) directs that "... if artificial planting is required, silviculturally acceptable seedlings must first be available for planting at an economically fair price in Alaska." This program would meet that need as quoted from Alaska's Forest Resources and Practices Act.

The "State Forest Nursery" would become the "Alaska Regeneration Center". This name more correctly describes the facility resulting from this programs role in forest land management - a role that includes research, production, and training.

The following pages present the details of this program in tabular form to enable better understanding.

## ANNUAL STATISTICS

### Benefits accrued:

Seedlings produced = 1,600,000  
State land treated = 2,085 acres (planted and seeded)  
State land site prepared = 2478 acres  
State land surveyed for regeneration = 3,150 acres  
Seedlings available for non-state use = 817,200  
Local residents trained at nursery = 6  
Day labor - Days of employment generated = 1320  
Amount of work contracted by State = \$343,780.00  
Reimbursement for seedlings (projected) = \$122,580.00 (\$0.15  
per seedling)  
Non-state lands reforested = 1,200 acres  
Private sector employment enabled = 41 (at minimum)

Alaska Regeneration Center requires the following funding commitment by the Alaska Legislature:

STAFFING	MAN MONTHS	TOTAL COSTS
Agronomist III (Center Manager)	12	\$63,000.00
Maintenance Worker II	12	\$47,388.00
Forest Technician IV (Research/Tree Improvement)	12	\$39,336.00
Forest Technician IV (Assistant Center Manager)	12	\$39,336.00
Forest Technician III (Center Foreman)	12	\$35,196.00
Clerk-Typist III (Center Clerk/Admin)	12	\$31,800.00
Forest Technicians I/II (Center Technicians) 6 ea @ 9 mons.	54	\$142,688.00
Forest Technicians I/II (Cooperator Trainees) 6 ea @ 3 mns.	18	\$47,566.00
Day laborers (Spot help) 1320 man days @ 40.00 per day	61	\$52,800
TOTAL	205	\$499,110.00
	Personal services short funding	-\$34,688.00
	Usable personal services funding	\$464,422.00

SEASONAL POSITION DISTRIBUTION (Pos/Mths.)

Position	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Trainees		6/6	6/6	6/6								
Regular Seasonals		6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6		
Day Laborers				28/18		12/12		40/30		12/6		

B U D G E T CATEGORY	T O T A L F U N D I N G REQUIRED	BREAKDOWN	DESCRIPTION
<u>Travel</u>	\$10,000.00		Assess cone c r o p s , g a t h e r propagation materials, audit/monito r seedling condition at field sites, a s s e s s progeny s i t e s , monitor seed production a r e a s , maintain professional currency.
<u>Contractual Services</u>	\$161,000.00	Professional Services	\$10,000.00 (Consultants Cones)
		Communicatio ns	\$10,000.00 (Phones)
		Transportati on	\$25,000.00 (Shipping Seedlings)
		S t a t e Equipment Fleet	\$15,000.00 ( S t a t e v e h i c l e charges)
		Printing	\$1,000.00 (brochures handouts)
		P u b l i c Utilities	\$60,000.00 (Electricity Gas)
		Minor Repair a n d Maintenance	\$25,000.00 (buildings a n d

Supplies and \$130,500.00  
Materials

equipment)

Rental of machinery and equipment	\$5,000.00 (Specialized equipment)
Other expenditures	\$10,000.00 (State Risk Management)
Office supplies	\$2,000.00
Agricultural supplies	\$10,000.00 (Fertilizer and fungicides)
Household and Institutional	\$3,000.00 (Cleaning agents)
Professional and Scientific	\$93,000.00 (Grit, medium, and containers)
Data processing supplies	\$1,500.00 (Software and paper)
Other operating supplies	\$15,000.00 (Shipping boxes)
Repair and Maintenance	\$6,000.00 (Strapping, tray racks)

Equipment

\$30,000.00

Phase d  
replacement  
of worn  
equipment.  
Upgrading of  
outdated  
equipment  
over time.  
Acquisition  
of needed  
communicatio  
ns and  
technical  
equipment.

Capital  
Improvement  
Projects

\$1,052,000.0  
0

Water  
monitoring  
and delivery  
system  
improvements

\$20,000.00

Outdoor  
portable  
irrigation  
system

\$15,000.00

Complete  
fence around  
growing yard

\$12,000.00

Complete  
pole shed

\$5,000.00

Construct  
two  
greenhouses  
(completely  
equipped  
with power)

\$800,000.00

Construct  
fire  
warehouse  
for SCR to  
free up  
Headshed for  
use

\$200,000.00

Regional offices require the following funding commitments to meet program targets:

NORTHERN REGION

Description	Man Months	Total Costs
Personal Services Forester 1 (Delta and Tok)	12	\$46,670.00
Forester 1 (Fairbanks)	12	\$46,000.00
Forest Technician III (Fairbanks) 2 @ 6 mons.	12	\$35,458.00
Forest Technician III (Fairbanks) 1 @12 mons.	12	\$35,458.00
Total Personal services	48	\$163,586.00
Contracts for Field work		\$345,900.00
Support for Region Staff		\$18,265.00
TOTAL FOR NORTHERN REGION		\$527,751.00

SOUTHCENTRAL REGION

Personal Services

Forester 1 (Regional office)	12	\$42,219.00
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Total Personal Services	12	\$42,219.00
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Contracts for field work		\$61,280.00
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Support for Regional Staff		\$2,765.00
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TOTAL FOR SOUTHCENTRAL REGION	12	\$106,264.00
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SOUTHEAST REGION

Personal Services		
Forester 1 (Juneau)	12	\$48,936.00
Total Personal Services	12	\$48,936.00
Contracts for field work		\$44,860.00
Support for Regional Staff		\$2,835.00
TOTAL FOR SOUTHEAST REGION	12	\$96,631.00
TOTAL STATEWIDE	72	\$622,964.00

ANNUAL COST CALCULATIONS BY REGION

Northern Region

<u>Activity</u>	<u>Acres</u>	<u>Breakdown</u>	<u>Costs</u>
Planting	1008	Contract costs = 150.00 per acre	\$151,200.00
		Contract prep and admin = 30.79 per acre	\$31,036.00
		Support costs = 5.00 per acre	\$5,040.00
		TOTAL PLANTING	\$187,276.00
Scarification	1975	Contract costs = 80.00 per acre	\$158,000.00
		Contract prep and admin = 30.79 per acre	\$60,810.00
		Support costs = 5.00 per acre	\$9,875.00
		T O T A L SCARIFICATION	\$228,685.00

Direct Seeding 670

Contract costs \$20,100.00  
= 30.00 per  
acre

Contract prep \$20,629.00  
and admin =  
30.79 per acre

Seed costs = \$10,050.00  
15.00 per acre

Support costs \$3,350.00  
= 5.00 per  
acre

TOTAL DIRECT \$54,129.00  
SEEDING

Regeneration 1660  
survey

Contract costs \$16,600.00  
= 10.00 per  
acre

Contract prep \$51,111.00  
and admin  
costs = 30.79  
per acre

T O T A L \$67,711.00  
R E G E N E R A T I O N  
S U R V E Y

TOTAL FOR  
N O R T H E R N  
R E G I O N

\$537,801.00

Southcentral Region

<u>Activity</u>	<u>Acres</u>	<u>Breakdown</u>	<u>Costs</u>
Planting	227	Contract costs = 150.00 per acre	\$34,050.00
		Contract prep and admin costs = 44.77 per acre	\$10,163.00
		Support costs = 5.00 per acre	\$1,135.00
		TOTAL PLANTING	\$45,348.00
Scarification	271	contract costs = 80.00 per acre	\$21,680.00
		Contract prep and admin = 44.77 per acre	\$12,133.00
		Support costs = 5.00 per acre	\$1,355.00
		T O T A L SCARIFICATION	\$35,168.00

Direct Seeding	55	Contract costs	\$1,650.00
		= 30.00 per acre	
		Contract prep and admin = 44.77 per acre	\$2,463.00
		Support costs = 5.00 per acre	\$275.00
		Seed costs = 15.00 per acre	\$825.00
		TOTAL DIRECT SEEDING	\$5,213.00
Regeneration surveys	390	Contract costs = 10.00 per acre	\$3,900.00
		Contract prep and admin = 44.77 per acre	\$17,460.00
		T O T A L REGENERATION SURVEYS	\$21,360.00
TOTAL FOR SOUTHCENTRAL REGION			\$107,089.00

Southeast Region

<u>Activity</u>	<u>Acres</u>	<u>Breakdown</u>	<u>Costs</u>
Planting	125	Contract costs = 150.00 per acre	\$18,750.00
		Contract prep and admin = 33.59 per acre	\$4,198.00
		Support costs = 5.00 per acre	\$625.00
		TOTAL PLANTING	\$23,573.00
Scarification	82	Contract costs = 80.00 per acre	\$6,560.00
		Contract prep and admin = 33.59 per acre	\$2,754.00
		Support costs = 5.00 per acre	\$410.00
		T O T A L SCARIFICATION	\$9,724.00

Prescribed 150  
Fire

Contract labor \$8,550.00  
= 57.00 per  
acre

Contract prep 5,037.00  
and admin =  
33.59 per acre

Support costs \$1,800.00  
= 12.00 per  
acre

T O T A L \$15,387.00  
P R E S C R I B E D  
F I R E

Regeneration 1100  
surveys

Contract costs \$11,000.00  
= 10.00 per  
acre

Contract prep \$36,947.00  
and admin =  
33.59 per acre

T O T A L \$47,947.00  
R E G E N E R A T I O N  
S U R V E Y S

T O T A L  
S O U T H E A S T  
R E G I O N

\$96,631.00

T O T A L  
S T A T E W I D E

\$741,521.00

After the first five (5) years of this program funding could be reduced by \$124,230.00 in services to be contracted for as the State completes rehabilitation of "backlogged" areas due to earlier harvest and fires. This would make an additional 230,000 seedlings available for use on other lands and increase nursery revenues by \$34,500.00 at the same time.

The revenue from the sale of seedlings is based on a cost of \$0.15 per seedling. This requires a change in the Department of Natural Resource's fee schedule which was adopted by regulation a few years ago.

Also worthy of note is the fact that the requirement to program a short funding of personal services costs would be devastating to this program - and likely many others as well.

OVERALL PROGRAM SUMMARY

<u>BUDGET ITEM</u>	<u>FUNDING REQUIRED</u>	<u>FUNDING PROPOSED FY90</u>	<u>ADDITIONAL FUNDING REQUIRED</u>
Personal Services	\$753,851.00	\$96,500.00	\$657,351.00
Travel	\$10,000.00	\$2,800.00	\$7,200.00
Contractual	\$636,905.00	\$172,700	\$464,205.00
Commodities	\$141,375.00	\$26,900.00	\$114,475.00
Equipment	\$30,000.00	\$1,500.00	\$28,500.00
<b>TOTAL</b>	<b>\$1,572,131.00</b>	<b>\$300,400.00</b>	<b>\$1,271,731.00</b>
Capital Projects	\$1,052,000.00	-0-	\$1,052,000.00
<u>GRAND TOTAL</u>	<u>\$2,624,131.00</u>	<u>\$300,400.00</u>	<u>\$2,323,731.00</u>

MATANUSKA-SUSITNA BOROUGH  
RESOLUTION SERIAL NO. 90-036

A RESOLUTION OF THE ASSEMBLY OF THE MATANUSKA-SUSITNA BOROUGH SUPPORTING THE ADOPTION OF SENATE BILL 511, "AN ACT MAKING SPECIAL APPROPRIATION TO THE DEPARTMENT OF NATURAL RESOURCES FOR REFORESTATION."

WHEREAS, the Forest Regeneration Center and tree planting program provide for reforestation using proper tree seeds and seedling produced in Alaska; and

WHEREAS, improved capability for reforestation provides the opportunity for forest harvests that improve habitat for moose in Southcentral and Interior Alaska; and

WHEREAS, healthy forests maintained through managed cycles of growth and reforestation provide protection from accidental fire, a hazard that is common in unmanaged forests impacted by diseases or insects; and

WHEREAS, timely reforestation through the Forest Regeneration Center and its associated programs provide healthy trees to protect soil, water, and air, and maintain a healthy environment; and

WHEREAS, a commitment to sustained forestry through the Forest Regeneration Center and its associated reforestation programs will provide jobs for Alaskans now and improved forest resources for future generations.

NOW, THEREFORE, BE IT RESOLVED that the Matanuska-Susitna Borough Assembly supports adoption of Senate Bill 511 "An act making special appropriations to the Department of Natural Resources for reforestation."

PASSED AND APPROVED this 21<sup>ST</sup> day of March, 1990.

Dorothy A. Jones  
Dorothy A. Jones, Mayor

Attest:

Linda A. Dahl  
Linda A. Dahl, Clerk  
(SEAL)



Fairbanks North Star Borough

APR

1990

Assembly

809 Pioneer Road

P.O. Box 1267

Fairbanks, Alaska 99707

907/452-4761

March 29, 1990

Honorable Betty Fahrenkamp, Chairperson  
State Resources Committee  
P.O. Box V (MS 3100)  
Juneau, Alaska 99811

Dear Senator Fahrenkamp:

Enclosed is a copy of Resolution No. 90-039, recently adopted by the Fairbanks North Star Borough Assembly urging the Alaska State Legislature to appropriate the funding necessary for the Reforestation of Harvested and Burned Forest Areas in the State.

Sincerely,

Mona Lisa Drexler, CMC  
Municipal Borough Clerk

MLD/nb

By: Paul Chizmar  
Introduced: 03/22/90  
Amended: 03/22/90  
Adopted: 03/22/90

RESOLUTION NO. 90-039

A RESOLUTION URGING THE ALASKA STATE LEGISLATURE TO  
APPROPRIATE THE FUNDING NECESSARY FOR THE  
REFORESTATION OF HARVESTED AND BURNED  
FOREST AREAS IN THE STATE

WHEREAS, the Alaska State Constitution in Article VIII, Section 4 requires that " fish, forests, wildlife, grasslands, and all other replenishable resources belonging to the State shall be utilized, developed, and maintained on the sustained yield principle, subject to preferences among the beneficial uses."; and

WHEREAS, immediate reforestation of harvested areas and accessible burned areas increase the amount of timber which is available on a sustained basis; and

WHEREAS, the Alaska State Legislature enacted The Tanana Valley Forest Bill in 1983 which provided for the creation of a State Land Reforestation Fund, and provided further that it was the intent of the Legislature that no less than 25% of the receipts from the sale of state timber and other forest products be appropriated to this fund on an annual basis; and

WHEREAS, as of this date no funds have been appropriated to this fund; and

WHEREAS, lack of adequate regeneration is beginning to jeopardize the level at which the state can make timber available for commercial cutting, and for fuel wood use, while complying with the requirement to manage forest lands on a sustained use basis; and

WHEREAS, it is necessary to provide for the reforestation of forests after harvest in order to maintain a productive forest land base capable of providing timber, recreational opportunities, wildlife habitat, and other amenities associated with coniferous forests; and

WHEREAS, reforestation of forest lands will provide jobs in the Fairbanks area during the planting phase, and ensure future jobs in management and harvest of the reforested lands; and

WHEREAS, funding of the State Land Reforestation Fund is particularly important to the successful management of the Tanana Valley State Forest; and

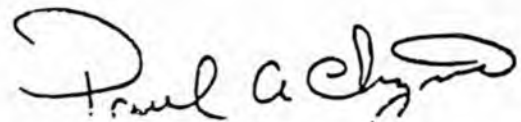
WHEREAS, the Alaska Board of Forestry unanimously passed a resolution on January 30, 1990, supporting an appropriation to fund reforestation efforts immediately and to provide continued funding for reforestation as provided in the Tanana Valley Forest Bill.

NOW, THEREFORE, BE IT RESOLVED that the Fairbanks North Star Borough Assembly respectfully requests the Alaska State Legislature to fund the State Land Reforestation Fund as established in AS 41.17.300 in accordance with the provisions of AS 41.17.310 so as to provide for sound management of the State's forest land resources, to replenish the dwindling forest reserves, and to provide jobs in the Fairbanks area.

BE IT FURTHER RESOLVED that the Alaska State Legislature is urged to enact SB 511 making special appropriations to the Department of Natural Resources for refoestation.

BE IT FURTHER RESOLVED that copies of this resolution shall be sent to the Honorable Steve Cowper, Governor, State of Alaska, Lennie Gorsuch, Commissioner, Department of Natural Resources, Bob Dick, State Forester, the Honorable John Binkley and the Honorable Rick Uehling, Co-Chairs, Senate Finance Committee, the Honorable Lyman Hoffman and the Honorable Ron Larson, Co-Chairs, House Finance Committee, the Honorable Bettye Fahrenkamp, Chairperson, Senate Resources Committee, the Honorable Cliff Davidson, and the Honorable Curt Menard, Co-Chairs, House Resources Committee, and all members of the Interior Delegation.

PASSED AND APPROVED THIS 22ND DAY OF MARCH ,1990.



Presiding Officer

ATTEST:

  
Clerk of the Assembly

# ALASKA FOREST REGENERATION CENTER

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## *Why Regenerate Forests?*

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Regeneration of Alaska's forests will provide jobs, encourage investment by the forest industry, sustain aesthetic values of forest land, and may help diminish global changes in climate. Existing programs for producing and planting trees in Alaska are not sufficient to regenerate forests completely following harvesting, burning, or destruction by insects or disease. Recent damage by the spruce bark beetle alone has impacted 1.9 million acres of forest land in Alaska. Without sufficient production of tree seedlings and a tree planting program, state-owned forest land cannot be managed for high levels of sustained yields. Thus, timber sales must be curtailed, and jobs and other benefits derived from healthy forests will diminish.

## *What Can Be Done?*

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The Alaska Reforestation Council recommends an expanded Forest Regeneration Center at Eagle River, Alaska, and a coordinated tree planting program in the northern, southcentral and southeastern regions of the state. This commitment will produce high quality tree seedlings to rehabilitate areas devastated by insects or fire, reclaim state-owned forest land that is currently understocked, and support applied research to insure successful reforestation. Projected benefits include the annual production of 1,600,000 tree seedlings. Approximately one-half of these will be planted on state land. The remainder will be sold to private land owners for use in reforestation required by the Forest Practices Act. Operational programs for site preparation and tree planting in the various regions of Alaska are included in the reforestation program. Approximately 70 percent of the funds for this work will be allocated for contracts in local communities.

## *How Should the Center Be Funded?*

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Much of Alaska's need for reforestation involves land owned and managed by the state. Thus, the Alaska Reforestation Council recommends that General Fund appropriations be provided for the production of tree seedlings at the Forest Regeneration Center, and for subsequent contracts for planting trees. Current legislation permits use of a portion of the income obtained from timber sales on state-owned land to support reforestation. However, appropriations must be made each year for this purpose. In the short term, this investment will provide reforestation on forest land owned by the state,

avoid the necessity of buying seedlings outside of Alaska, and provide training and jobs in reforestation in cooperating communities. In the long term, it will regenerate Alaska's forest lands and provide sustained yields of superior quality trees for future generations in the Great Land.

## *What is the Alaska Reforestation Council?*

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The Alaska Reforestation Council is a non-profit corporation organized in 1988 to: (1) improve forest management in Alaska, (2) promote the development and use of high quality seedlings for reforestation, (3) support the development of a tree nursery system in Alaska, and (4) promote a tree improvement program in the state. Council membership includes individuals with private businesses, conservation groups, Native corporations, state and federal agencies, the University of Alaska, and the general public.

## *How Soon Will the Center Be Operating?*

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Present support is insufficient to continue the production of tree seedlings at the forest nursery in Eagle River. If funding is provided by the Alaska State Legislature for FY 1991 to develop the Alaska Forest Regeneration Center, the production of seedlings could be initiated immediately. Capital improvements to enhance the production of seedlings and contracts for planting would begin in 1990; full production would occur by 1993.

## *What Are the Costs?*

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An Alaska Forest Regeneration Center requires an initial appropriation for capital improvements at Eagle River, Alaska, and annual appropriations for operations to produce tree seedlings and carry out reforestation on forest land owned by the state.

Capital improvement of center (one-time only)		\$1,052,000
Annual operations at center .....	\$820,000	
Annual expenditures for reforestation on state land:		
Northern Region .....	543,800	
Southcentral Region .....	107,100	
Southeast Region .....	90,100	
		1,561,000
TOTAL		\$2,613,000

The future of Alaska's forests depends on investment now in the Alaska Forest Regeneration Center and a reforestation program. These forests will continue to provide increased economic and social benefits for Alaskans as projected declines in petroleum production result in decreased revenue to the state. Benefits range from jobs in the production and processing of wood products to

enhanced tourism associated with recreation and wildlife values.

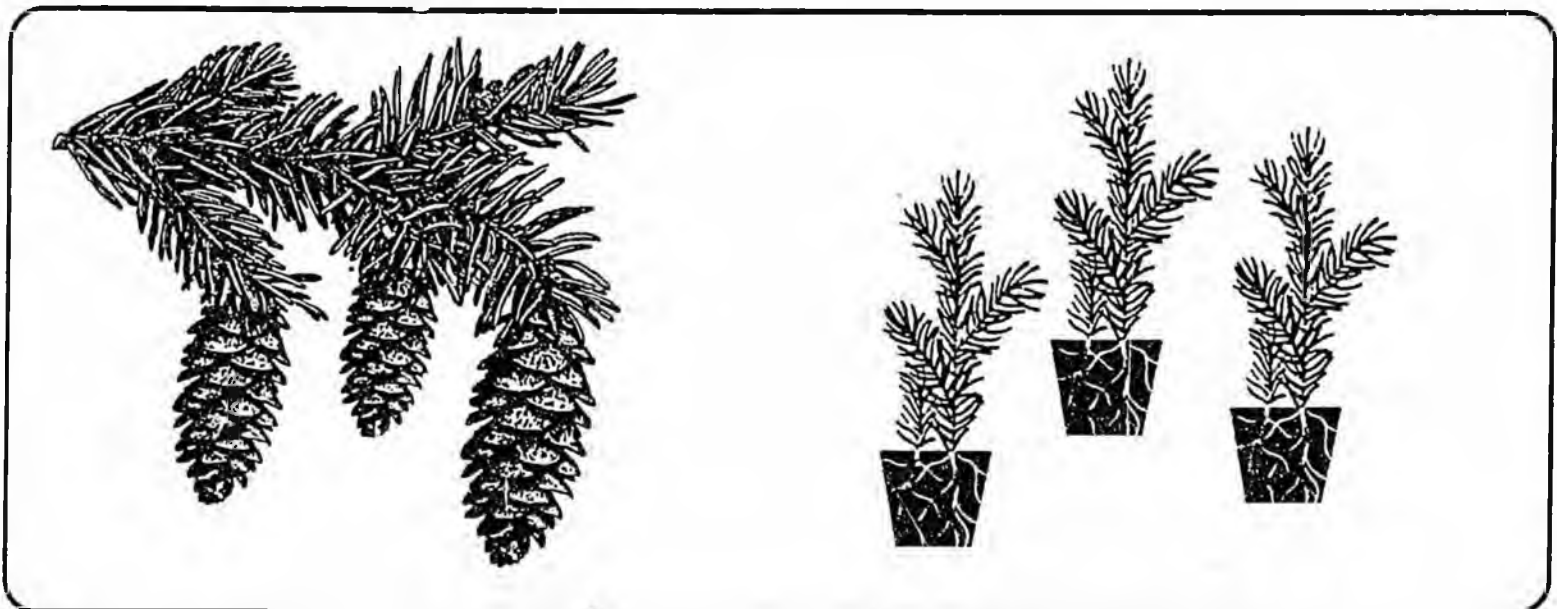
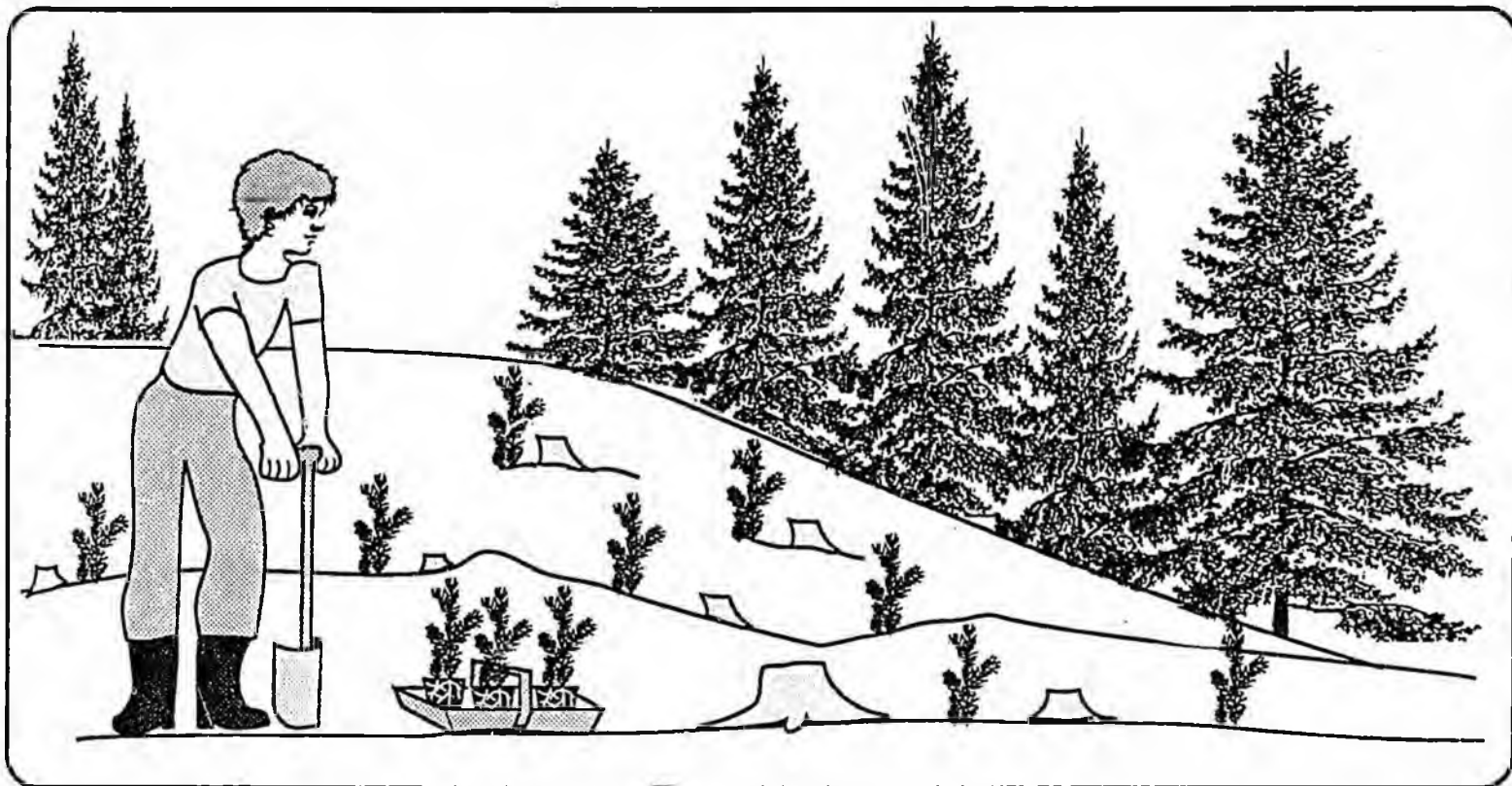
The Alaska Forest Regeneration Center will produce genetically superior trees for reforestation in areas where trees have been harvested, burned, or killed by insects. Reforestation will increase sustained timber yields, provide training and jobs for youth, and enhance the scenic beauty of forest land. In addition, high levels

of sustained yields will permit expanded harvest of timber on state lands designated for wood production.

Good stewardship of forest land will benefit Alaskans well into the future. Now is the time to invest in reforestation for jobs today and for sustained forest yields tomorrow.

*When the oil stops flowing, the trees will be growing.*

## SUPPORT THE ALASKA FOREST REGENERATION CENTER



**WHEN THE OIL STOPS FLOWIN'  
THE TREES KEEP GROWIN'**