A DIRECTORY OF

PRIMARY WOOD-USING INDUSTRIES

IN SASKATCHEWAN, 1985

by

D.R. Giles

FORINTEK CANADA CORP.
Western Region
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Vancouver, B.C.
V6T 1X2

prepared for

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ABSTRACT

The forest industry in Saskatchewan was surveyed, in the fall of 1985, by personal interviews with owners/managers of each operation. This directory gives a summary, for each operation, of mill location, ownership, capacity, production, employment, wood supply, products, markets, equipment, and factors limiting present operations and expansion. Sawmills, planing mills, wood treating plants, building timber plants, and pulp, waferboard and plywood mills are grouped by industry type, size of operation, and forest region.

RESUME

En automne 1985, une étude sur l'industrie forestière en Saskatchewan a été effectuée auprès des propriétaires/gérants de chaque opération. Ce répertoire fournit un sommaire, pour chaque opération, sur l'endroit où est située la scierie, le propriétaire, la capacité, le volume de production, la main d'oeuvre, l'approvisionnement en bois, les produits, les marchés, l'équipement, et les facteurs qui restreignent le fonctionnement actuel et l'expansion de l'opération. Scieries, usines de rabotage, de traitement du bois, de pâtes, de panneaux gaufrés et de contreplaqué sont regroupées par type d'industrie, importance des opérations et région forestière.

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INTRODUCTION

A survey of Saskatchewan's forest industry, funded by the recently signed Canada-Saskatchewan Forest Resource Development Agreement, was carried out by research scientists from Forintek Canada Corp., Canada's national wood products research institute.

This directory lists the firms comprising the primary industry by five sections: 1) sawmill-planing mills, 2) independent planing mills, 3) wood treating plants, 4) pulp, waferboard and plywood mills, and 5) miscellaneous wood-using industries. The sawmill-planing mills are further divided into four size groupings: 1) exceeding 5 MM fbm of annual production, 2) 1 - 4.99 MM fbm annual production, 3) 100 M - 999 M fbm annual production, and 4) less than 100 M fbm annual production. Each section is preceded by a provincial map showing the location of the mills.

Information listed in this directory was derived from personal interviews with each firm, except for the group of small sawmill operators. The data are summarized from information collected in response to a detailed questionnaire, which was completed during the interview. The information was collected for a one-year operating period, either fiscal or calendar, ending in 1985. This information will be presented in a subsequent report on the socio-economic impact of the forest industry in the province.

Mill visits and interviews were carried out in October and November of 1985 and January of 1986. Follow-up telephone calls were used to complete and verify the data when necessary. Research scientists from Forintek Canada Corp.'s Western Region Lumber Manufacturing Technology Department, conducted the mill visits and interviews.

All product volumes, except lumber, waferboard and plywood, are reported in metric (SI) units. Lumber production is reported in foot board measure (fbm), and waferboard and plywood production is in square feet (ft^2). The conversion factors used are listed in Appendixes II and III. All product sizes and descriptions are given in imperial units.

Data for sawmills producing less than 100 M fbm per year were obtained from provincial forestry records and supplied by R. Bohning of the Canadian Forestry Service, Northern Forestry Centre, Edmonton, Alberta.

A summary of the number of firms, total annual production and direct employment estimates by industry category and size is presented in Table 1. Saskatchewan's primary wood using industry created 2756 person years of employment in 1984-85.

Headquarter and regional personnel of the Forestry Division, Saskatchewan Department of Parks and Renewable Resources are listed in Tables 2 and 3. Abbreviations and definitions used in this directory are listed on page 3, followed by an alphabetical index of forest industries in the directory.

ABBREVIATIONS

fbm	_	foot board measure	mm	-	millimetre
BDU	_	bone dry unit	cm	-	centimetre
M		thousand	km	_	kilometre
MM		million	m	-	metre
ft	_	feet	m ²	-	square metre
ft ²	-	square feet	m ³	-	cubic metre
ft ³	_	cubic feet	ha	_	hectare
1b	_	pound	t	-	tonne
			kg	-	kilogram
			1	_	litre

Tree Species:

Coniferous trees

Deciduous trees

bF		balsam fir	wB	_	white birch
bS	-	black spruce	bPo	_	balsam poplar
jР	_	jack pine	tΑ	_	trembling aspen
1P	-	lodgepole pine	gAs	***	green ash
tL	_	tamarack/larch	wE	***	white elm
wS	-	white spruce			

CFPA - Central Forest Products Association

N/A - not available

SCIFI - Saskatchewan Council of Independent Forest Industries

SFA - Saskatchewan Forestry Association

WPMA - Western Plywood Manufacturers' Association

DEFINITIONS

Bull rails - 2-4" thick planks with uneven barked edges obtained by cutting slabs from round logs; primarily used for heavy corral construction.

Local - pertaining to markets; defined as the area within an 80 kilometre radius.

Person year - employment term factor equivalent to 240 days at eight hours per day.

Chips - where chip production was reported in bone dry units (2400 lb or 1090 kg of bone dry wood chips), a factor of 3.0 was used to convert volume to m^3 .

Table 1. Saskatchewan's primary wood-using industries in 1984-85, number of firms, annual production and employment

Industry	Number of firms	Production	Employment in mills and woodlands (person-years)
Sawmill-planing complexes producing more than 5 MM fbm	6	220.1 MM fbm 328.9 M m ³ chips 84.9 M m ³ pulpwood 146.8 M m ³ peelers	874
Sawmill-planing complexes producing 1 MM to 4.99 MM fbm	4	6.7 MM fbm 15.6 M m ³ pulpwood	53
Sawmill-planing complexes producing 100 M to 999 M fbm	34	9.6 MM fbm 5.2 M m ³ pulpwood 0.3 M m ³ firewood	78
Sawmill-planing complexes producing less than 100 M fbm	116	3.8 MM fbm	22
Independent planing mills	2	8.0 MM fbm	12
Wood treating plants	12	78.5 M m^3 115.6 M m^3 pulpwood	289
Pulp mill	1	264.4 M metric tonnes	773
Waferboard mill	1	1050 MM ft ² (1/16" basis)	211
Plywood mill	1	80.6 MM ft ² (3/8" basis) 66.0 M m ³ chips	164
Miscellaneous wood-using industries	3	1.0 M m ³ 45.0 M fbm	5
Estimated labor input for purchased wood and custom sawn lumber			275
Total	180		2756

Table 2.

Headquarters personnel of the Forestry Division, Saskatchewan Department of Parks and Renewable Resources, in Prince Albert

Executive Director - C.P. (Paul) Brett

Forest	Management Branch	Administration Section	Forest Operations Branch
	W.S. Bailey	F.J. Casavant	V.C. Begrand
	Inventory Section Stanley		Silviculture Section M.T. Little
	Management Section Benson		Regional Operations Section F.W. Flavelle

Forestry inquiries should be directed to:

Forestry Division
Saskatchewan Department of Parks and Renewable Resources
MacIntosh Mall
Box 3003
Prince Albert, Saskatchewan
S6V 6G1

Telephone: (306) 953-2482

Regional personnel of the Forestry Division, Saskatchewan Department of Parks and Renewable Resources

SASKATCHEWAN DEPARTMENT OF PARKS AND RENEWABLE RESOURCES

Hudson Bay Region

F. Ford

Regional Director (306) 865-2274

Natural Resources Bldg.

Hudson Bay SOE 0Y0

W. Kolosky

Regional Resource

Supervisor

T. Mord

Regional Forester

La Ronge Region

R. Duncan

Regional Director (306) 425-4231

Box 5000 La Ronge SOJ 1L0

J. Gunn

Regional Resource

Supervisor

H. Desjarlais
Regional Forester

Meadow Lake Region

G.S. Rolles
Regional Director
(306) 236-5681

Box 580 Meadow Lake SOM 1V0

G. Larson

Regional Resource

Supervisor

F. Wilson

Regional Forester

Melville Region

P. Nelson Regional Director

(306) 728-4491

117 - 3rd Ave.

Melville SOA 2PO

D. Hutchinson
Regional Resource

Supervisor

Prince Albert Region A.J. MacAuley

Regional Director (306) 953-2898

Box 3003

MacIntosh Mall Pince Albert

S6V 6G1

T. Walker

Regional Resource

Supervisor

G. Frey

Regional Forester

3211 Albert Street

Regina S4S 5W6

Regina Region

G.J. Fladager Regional Director (306) 787-2782

T. Swystun

Field Supervisor

Saskatoon Region L. Arndt

Regional Director (306) 664-6240

B. Stubbington Field Supervisor 122 - 3rd Avenue North

Saskatoon S7K 2H6

Swift Current Region D. Noble

Regional Director (306) 773-1521

B. Camwell

Regional Resource

Supervisor

350 Cheadle Street West

Swift Current

S9H 4G3

SASKATCHEWAN'S TIMBER ALLOCATION SYSTEM

The province of Saskatchewan has four basic methods of allocating timber to the producers:

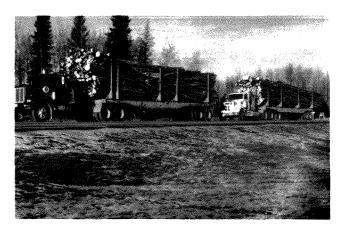
- Forest management license agreement--negotiated agreement with a large individual forest industry company, with term of operation longer than one year.
- 2. Timber permit--means of allocating timber to a wide range of different forest industry operations for a period of one year.
- 3. Forest product field permit--principal means of allocating small volumes of timber to individuals, essentially for their own use.
- 4. Term cutting agreement--guarantees a timber permit over a specified number of years (up to 10) under negotiated conditions.

ALPHABETICAL LISTNG OF SASKATCHEWAN'S PRIMARY WOOD USING INDUSTRIES

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Lehner Wood Preservers Co. Ltd	99		
Lennox, Stan	58		
Leslie Sawmill	62	0	
Lorensen, Melvin	58		
Lorensen, Noel	74	Oberhofer, Rudy	71
7%		Olekstuk, Julian	74
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Suteau, Lawrence	5 6		
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Tegstrom, Ken	7 5		
Thompson, Melvin	68		
Toews, Doug	7 5		
Toovey, Robert	68		



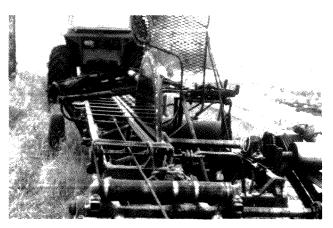
Pulpwood on highway haul.



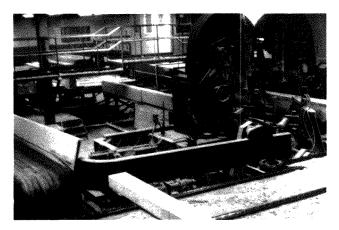
Sawlogs piled in mill yard.



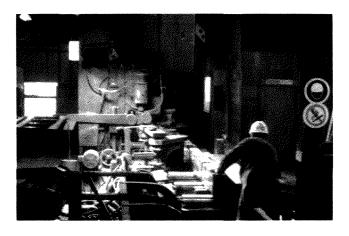
Portable sawmill with circular headsaw.



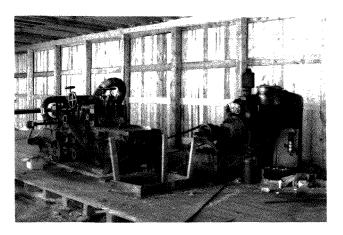
Owner made portable sawmill.



Stationary mill with twin-band headsaw.



Single band resaw.



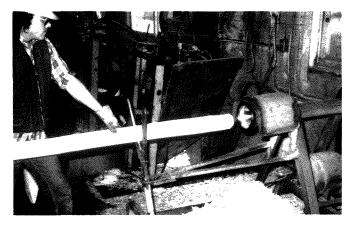
Lumber planer.



Lumber unit strapped for shipment.



Poles being loaded for pressure treating.



Post top rounding using domer.



Peeled posts ready for dip-treating.



Waferboard plant at Hudson Bay.

SAWMILL-PLANING COMPLEXES

MORE THAN 5 MM FBM

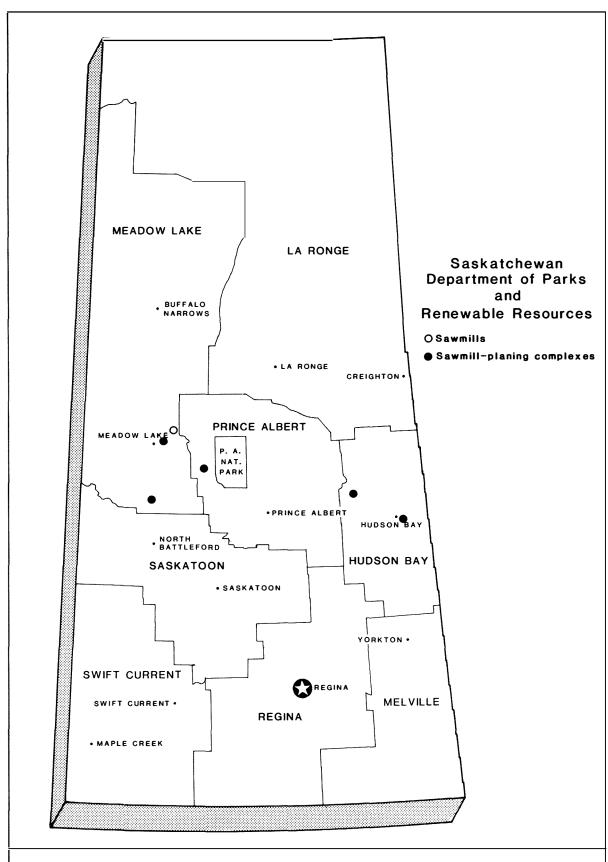


Figure 1. Location of sawmills producing more than 5MM fbm per year.

L & M WOOD PRODUCTS LTD.

ADDRESS: Box 149 Glaslyn, Saskatchewan SOM OYO 342-2080 TELEPHONE: MILL LOCATION: Glaslyn, Saskatchewan Pat Delainey, President and Woodlands Manager MILL MANAGEMENT: Howard McConnell, Vice-President Ken Davies, Secretary- Treasurer and Mill Manager Roy Holman, Millwright - 35 M fbm/8hr shift MILL CAPACITY: Sawmill - 50 M fbm/8hr shift Planing mill Post peeler - 3000 posts/8 hr shift Pressure treating plant - 155 m³/8 hr shift - 5.5 MM fbm PRODUCTION 1984-85: Lumber -685 m^3 Pulpwood $-2.8 \text{ M} \text{ m}^3$ Wood chips Treated round material $-5.7 \text{ M} \text{ m}^3$ (205,955 posts, 28,812 poles) - 5% PRODUCTS: Dimension lumber: 2 x 4 2 x 6 - 10% 2 x 8 - 2% (10% is treated) Board lumber: 1 x 4 - 4% - 4% 1 x 6 Random lengths, 80% rough and 20% dressed Timbers: 4 x 4 - 35% 4 x 6 - 21% (4% is treated) Railway ties - 4% Treated posts: 3-5", 6' material -2₹ 4-6", 7' material - 4% 5-8", 8' material -

Building poles

PRESERVATIVES USED:

Chromated copper arsenate and water mix

- 6%

L & M WOOD PRODUCTS LTD.

(continued)

SPECIES UTILIZED:

jP - 90% wS - 10%

WOOD SUPPLY:

Forest management license agreement

AVERAGE LOG HAUL

WOODS TO MILL:

45 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1960

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:
Contract -

8 J - - - J J A S O N D

MILL: 21 JF-AMJJASOND

OFFICE/SALES: 2 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS: Truck

PRODUCTS: Truck

MARKETS:

Eastern Canada - 51% Saskatchewan - 31% Alberta - 9% Manitoba - 9%

SPECIAL SERVICES:

Custom sawing, planing and wood treating. Cuts to customers' specifications, unit strapped,

retail lumber yard.

MEMBERSHIPS:

American Wood-Preservers' Association Saskatchewan Forestry Association

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs, edgings - wood chips Tops - firewood

Bark, sawdust, shavings - agricultural use

WOODLANDS EQUIPMENT:

1 - Caterpillar grader1 - D7E Caterpillar crawler

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing mill complex

1 - Slasher unit

1 - Morbark debarker

1 - 50" circular headsaw
1 - Turner 2 saw scragg

1 - Turner 2 saw scray

1 - Mainland 8" edger
1 - Trim saw assembly

1 - Resaw

1 - Morbark chipper

1 - Yates A20 planer

L & M WOOD PRODUCTS LTD. (continued)

MILL FACILITIES/EQUIPMENT:

(continued)

4 - Caterpillar 930 loaders
2 - Caterpillar 950 loaders

Wood treating plant

1 - Augustine post peeler1 - Morbark post peeler

2 - Sharpeners

1 - 42" x 7' pressure treating cylinder.

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Logging accessibility

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$850,600

REGION:

Meadow Lake

MEADOW LAKE SAWMILL COMPANY

ADDRESS:

Box 10

Meadow Lake, Saskatchewan

SOM 1V0

TELEPHONE:

236-5601

TELEX:

074-25146

MILL LOCATION:

Meadow Lake Industrial Park

OWNERS:

Prince Albert Pulp Company Ltd.

WOODLANDS MANAGEMENT:

Alan Martin, Superintendent

MILL MANAGEMENT:

Bill Caron, Mill Manager and Production

Superintendent

Allan Brander, Maintenance Superintendent

MILL CAPACITY:

- 125 M fbm/8 hr shift Sawmill

Planing mill - 150 M fbm/8 hr shift

PRODUCTION 1984-85:

Lumber - 33.5 MM fbm

Wood chips - $48.0 \text{ M} \text{ m}^3$

PRODUCTS:

Dimension lumber: 2 x 4 - 97%

Board lumber: $1 \times 4 - 3$ %

6', 7' and 8' lengths, kiln dried, dressed

PRODUCTS BY GRADE:

- 78% Stud grade

Economy

- 19%

Boards

- 3%

SPECIES UTILIZED:

ws - 80%

jP - 20%

WOOD SUPPLY:

Forest management license agreement

AVERAGE LOG HAUL

WOODS TO MILL:

85 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1972

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS: (included with Prince Albert Pulpwood

woodlands)

MILL:

56 JFMAMJ-ASOND

OFFICE/SALES: 4 J F M A M J J A S O N D

MEADOW LAKE SAWMILL COMPANY (continued)

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Lumber - Truck

Chips - Rail (CPR)

MARKETS:

Midwestern USA - 70% Alberta - 10% Manitoba - 10% Saskatchewan - 5%

SPECIAL SERVICES:

Precision end trimmed, end coated, graded, unit

strapped.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Forestry Association

MILL STAMP:

CFPA #46

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp. Natural Gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs, edgings - wood chips Bark, sawdust and shavings - no use, burned

WOODLANDS EQUIPMENT:

None

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing mill complex

1 - Huot slasher unit (twin saw swing type - 60")

2 - 18" Cambio debarkers1 - 26" Cambio debarkers

1 - 72" Klamath Quad band saw

1 - Schurman double arbor edger

1 - Resaw

1 - Moore stacker

2 - Moore double load kilns (150 M fbm per charge)

1 - Moore unstacker
1 - Yates A-62 planer

1 - Huot trim saw assembly

1 - Moore stacker

1 - Acme strapping machine2 - Drott Cruzaire loaders1 - 980 Caterpillar loader

1 - Super 30B Bucyrus Erie crane 1 - Poclain R-200 hydraulic crane

1 - Hyster forklift

1 - Caterpillar forklift

2 - Service trucks

LIMITING FACTORS FOR

OPERATION AND EXPANSION: Market fluctuations, wood supply

MEADOW LAKE SAWMILL COMPANY (continued)

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$12,843,000

REGION:

Meadow Lake

NORTHERN FOREST OPERATIONS LTD. (Green Lake Sawmill)

ADDRESS:

550 - First Avenue East Prince Albert, Saskatchewan S6V 2A5

or

Box 158

Green Lake, Saskatchewan

SOM 1B0

TELEPHONE: 953-3838 - Prince Albert

832-2077 - Green Lake

MILL LOCATION: Green Lake, Saskatchewan

OWNERS: Government of Saskatchewan, managed by

Saskatchewan Forest Products Corporation

MILL MANAGEMENT: Les Davies, General Manager

Fred Hachey, Comptroller Ollie Harris, Sawmill Manager

Offic mailts, bawmill manager

MILL CAPACITY: Sawmill - 50 M fbm/8 hr shift

PRODUCTION 1984-85: Lumber - 6 MM fbm

Pulpwood - 12.0 M m³

PRODUCTS: Dimension lumber: 2 x 4 - 10%

2 x 6 - 20% 2 x 8 - 15%

2 x 10 - 40%

Board lumber: 1 x 4 - 5% 1 x 6 - 5%

Random lengths, rough

Timbers: - 5%

PRODUCTS BY GRADE: Standard and better - 85%

Utility - 10%

Economy - 5%

SPECIES UTILIZED: ws - 90%

jP - 10%

WOOD SUPPLY: Timber permit

AVERAGE LOG HAUL WOODS TO MILL:

50 km

NORTHERN FOREST OPERATIONS LTD. (Green Lake Sawmill, continued)

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1972

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 30 J F M - - - - - N D MILL: 21 - - A M J J A S O N - OFFICE/SALES: 1 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

All rough lumber shipped to planing mill at

Meadow Lake for further processing.

SPECIAL SERVICES:

Cuts to customers' specifications. Specializes

in timbers, unit strapped and wrapped.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs - firewood

Edgings, sawdust - no use, burned

WOODLANDS EQUIPMENT:

1 - Caterpillar grader

1 - Bombardier muskeg tractor

MILL FACILITIES/EQUIPMENT:

Stationary sawmill

1 - QM 52" circular headsaw

1 - QM edger

1 - Trim saw assembly

1 - Brunette band resaw

1 - Allis Chalmers 545 loader

1 - Allis Chalmers 605 loader

1 - Allis Chalmers 840 loader

1 - Ford tractor lumber carrier

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$2,000,000

REGION:

Meadow Lake

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Big River)

ADDRESS: 550 First Avenue East

Prince Albert, Saskatchewan

S6V 2A5

or

Box 189

Big River, Saskatchewan

S0J 0E0

TELEPHONE: 953-3838 - Prince Albert

469-2133 - Big River

TELEX: 074-29121 - Prince Albert

074-29250 - Big River

MILL LOCATION: Big River, Saskatchewan

OWNERS: Government of Saskatchewan, operated by

Saskatchewan Forest Products Corporation, a crown

corporation.

WOODLANDS MANAGEMENT: Dale Vizina, General Superintendent of Woodlands

Albert Moyer, Logging Superintendent

MILL MANAGEMENT: Les Davies, General Manager

Fred Hachey, Comptroller Ernie Lawrence, Mill Manager

Ken Potts, General Product Foreman
Neil Otte, Personnel/Office Supervisor

Henry Peters, Marketing Manager

MILL CAPACITY: Sawmill - 90 M fbm/8 hr shift

Planing mill - 95 M fbm/8 hr shift

PRODUCTION 1984-85: Lumber - 45.0 MM fbm

Wood chips - 95.2 M m³

PRODUCTS: Dimension lumber: 2 x 4 - 33%

2 x 6 - 36% 2 x 8 - 23% 2 x 10 - 8%

Random lengths, kiln dried, dressed

PRODUCTS BY GRADE: Construction and standard - 87%

Utility - 8%

Economy - 5%

SASKATCHEWAN FOREST PRODUCTS CORPORATION

(Big River, continued)

SPECIES UTILIZED: wS - 75%

jP - 18% bF - 5% bS - 2%

WOOD SUPPLY:

Timber permits - 96%
Purchased - 4%

AVERAGE LOG HAUL

WOODS TO MILL:

147 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1975

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 150 J F M - - - - - - N D Own - 5 J F M A M J J A S O N D MILL: 101 J F M A M J J A S O N D OFFICE/SALES: 9 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck - 60%

Rail (CNR) - 40%

MARKETS:

Manitoba - 44%
Midwestern USA - 33%
Saskatchewan - 13%
Eastern Canada - 10%

SPECIAL SERVICES:

Edge printed, graded, unit strapped.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Forestry Association

MILL STAMP:

CFPA #52

TRADEMARK:

SASKFOR

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp. Natural Gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs, edgings - wood chips

Bark, sawdust and shavings - no use, burned

WOODLANDS EQUIPMENT:

None

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Big River, continued)

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing mill complex

1 - Cut off saw

1 - 32" ring Brunette debarker

1 - 18" Cambio debarker

1 - Mark III CanCar Chip-N-Saw
1 - Letson Burpee 5' twin band saw

1 - Brunette auto chipper

1 - Multiple trim saw assembly1 - Fryer - Cruickshank dry kiln

(180 M fbm/charge)

1 - Yates A-62 planer

1 - Burner

1 - Koehring hydraulic crane1 - Michigan 165B grapple loader1 - Caterpillar 966 grapple loader

5 - forklifts

LIMITING FACTORS FOR OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$6,000,000

REGION:

Prince Albert

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Carrot River)

ADDRESS:

550 First Avenue East

Prince Albert, Saskatchewan

S6V 2A5

or

Box 669

Carrot River, Saskatchewan

SOE OLO

TELEPHONE:

953-3838 - Prince Albert 768-2775 - Carrot River

MILL LOCATION:

Carrot River, Saskatchewan

OWNERS:

Government of Saskatchewan, operated by Saskatchewan Forest Products Corporation, a crown

corporation.

WOODLANDS MANAGEMENT:

Dale Vizina, General Superintendent John Daisley, Woods Superintendent

Eugene Rudy, Woods Foreman

MILL MANAGEMENT:

Les Davies, General Manager Fred Hachey, Comptroller Roland St. Louis, Mill Manager Henry Peters, Marketing Manager

MILL CAPACITY:

Sawmill - 85 M fbm/8 hr shift Planing mill - 100 M fbm/8 hr shift

PRODUCTION 1984-85:

Lumber - 25.1 MM fbm Wood chips - 47.9 M m^3

PRODUCTS:

Dimension lumber: 2 x 4 - 14%

2 x 6 - 24% 2 x 8 - 32% 2 x 10 - 30%

Random lengths, kiln dried, dressed

PRODUCTS BY GRADE:

Construction and standard - 87% Utility - 9% Economy - 4%

SPECIES UTILIZED:

wS - 85% jP - 9% bS - 5% bF - 1%

WOOD SUPPLY:

Timber permit

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Carrot River, continued)

AVERAGE LOG HAUL

WOODS TO MILL:

80 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1975

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 110 J F M - - - - - N D
Own - 2 J F M A M J J A S O N D
MILL: 51 J F M A M J J A S O N D

OFFICE/SALES: 5 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck - 60%

Rail (CNR) - 40%

MARKETS:

Eastern Canada - 75% Midwestern USA - 20% Saskatchewan - 5%

SPECIAL SERVICES:

Edge printed, graded, unit strapped.

Custom planing for Cumberland House operation.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Forestry Association

MILL STAMP:

CFPA #54

TRADEMARK:

SASKFOR

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp. Natural Gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs, edgings

Bark, sawdust and shavings - no use, burned

- wood chips

WOODLANDS EQUIPMENT:

1 - Champion grader1 - Kotmasu crawler

1 - Bombardier

1 - Flat deck semi trailer

2 - 1/2 ton trucks

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing complex

1 - cut off saw

1 - 30" ring Brunette debarker
1 - Mark III CanCar Chip-N-Canter
1 - Letson Burpee 5' twin band saw

1 - Brunette Auto chipper

1 - Multiple trim saw assembly

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Carrot River, continued)

MILL FACILITIES/EQUIPMENT:

(continued)

1 - Sorting deck

1 - Edge sorter

1 - Green chain

1 - Fryer - Cruickshank dry kiln

(190 M fbm/charge)

1 - Yates A-20 planer

1 - Single band Yates resaw

1 - Burner

1 - Caterpillar 235 crane
1 - 980 Caterpillar loader

1 - 1641 Volvo loader

1 - 920 Caterpillar forklift

2 - Blue Chip forklifts

1 - Patrick forklift

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$2,500,000

REGION:

Prince Albert

SIMPSON TIMBER (SASK.) LTD.

ADDRESS:

Box 760

Hudson Bay, Saskatchewan

SOE OYO

TELEPHONE:

865-2223

MILL LOCATION:

Hudson Bay, Saskatchewan

OWNERS:

Simpson Timber

Seattle, Washington

USA

MILL MANAGEMENT:

John Walker, Resident Manager

Harry Paylor, Comptroller

Orville Anderson, Sawmill Superintendent

Don Parkman, Woodlands Manager

MILL CAPACITY:

Sawmill - 250 M fbm/8 hr shift Planing mill - 160 M fbm/8 hr shift

PRODUCTION 1984-85:

Lumber - 105 MM fbm

Pulpwood - 72.2 M m^3 Wood chips - 135 M m^3 Plywood peelers - 146.8 M m^3

PRODUCTS:

Dimension lumber: 2 x 2 - 1%

2 x 3 - 7% 2 x 4 - 77% 2 x 6 - 6%

Board lumber:

1 x 3 - 4% 1 x 4 - 5%

6', 7' and 8' lengths, kiln dried, dressed

PRODUCTS BY GRADE:

Stud grade

- 90%

Economy

- 10%

SPECIES UTILIZED:

wS - 70% bS - 20%

jP - 10%

WOOD SUPPLY:

Forest management license agreement - 97%

Purchased

- 3%

AVERAGE LOG HAUL

WOODS TO MILL:

100 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1965

SIMPSON TIMBER (SASK.) LTD. (continued)

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 309 J F M - - J J A S O N D
Own - 14 J F M A M J J A S O N D
MILL: 201 J F M A M J J A S O N D
OFFICE/SALES: 10 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck - 85%

10mC

Rail (CNR) - 15% Truck - 90%

PRODUCTS:

ruck - 90%

Rail (CNR) - 10%

MARKETS:

Midwestern USA - 80% Manitoba - 10% Saskatchewan - 10%

SPECIAL SERVICES:

Precision end trimmed, end coated, edge branded, water repellent treated, unit strapped, packaged.

MEMBERSHIPS:

Canadian Wood Council

Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Chamber of Commerce Saskatchewan Forestry Association

MILL STAMP:

CFPA #40

TRADEMARK:

Rainkote STUD

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp.

Steam - self generated

USAGE OF WOOD RESIDUES:

Slabs, edgings

- wood chips

Sawdust, shavings, bark - energy conversion

(hog fuel)

Tops

- pulpwood

WOODLANDS EQUIPMENT:

1 - Champion grader1 - Swamp buggy

10 - 1/2 ton trucks

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing complex

4 - Bradson debarkers

1 - CanCar Mark II Chip-N-Saw

1 - CanCar Mark III Chip-N-Saw

1 - CanCar V-6 Chip-N-Saw

1 - Multiple trim saw assembly

3 - Automatic stackers

5 - Dry kilns (860 M fbm/charge)

2 - Unstackers

1 - Newman planer

SIMPSON TIMBER (SASK.) LTD. (continued)

MILL FACILITIES/EQUIPMENT:

1 - Yates planer

1 - Multiple trim saw assembly1 - 936 Caterpillar loader2 - 966 Caterpillar loaders

1 - Tanquay loader

1 - John Deere 4-wheel-drive tractor

5 - Caterpillar forklifts

2 - Hyster forklifts

1 - Burner

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply, market fluctuations

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$35,000,000

REGION:

Hudson Bay

SAWMILL-PLANING COMPLEXES

1 MM TO 4.99 MM FBM

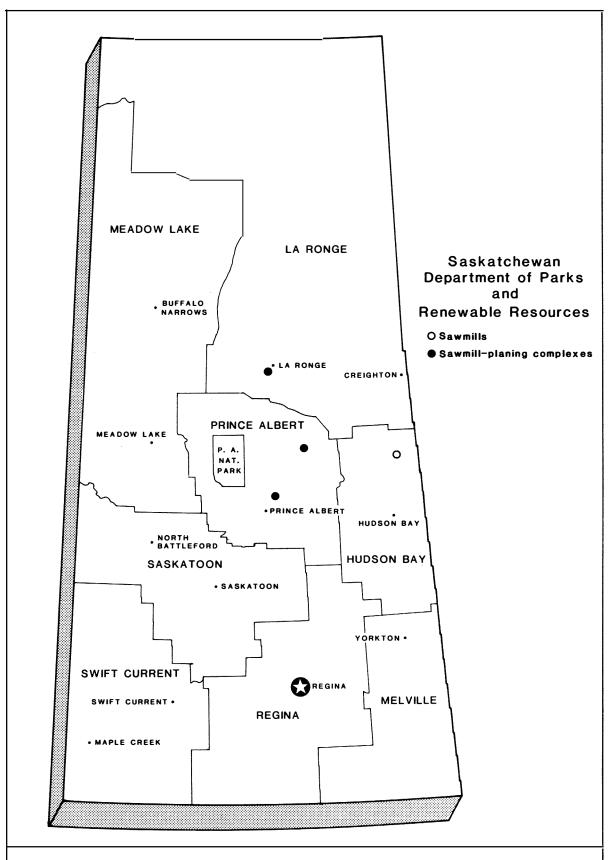


Figure 2. Location of sawmills producing 1 to 4.99 MM fbm. per year.

GRAND CENTRAL FARMS (Cumberland House)

ADDRESS: General Delivery

Mistatim, Saskatchewan

S0E 1B0

TELEPHONE: 888-2060 - Cumberland House

889-4322 - Mistatim

MILL LOCATION: Cumberland House, Saskatchewan

OWNER: Grand Central Farms

MILL MANAGEMENT: Norris Leech, owner

MILL CAPACITY: Sawmill - 30 M fbm/8 hr shift

PRODUCTION 1984-85: Lumber - 2.0 MM fbm

PRODUCTS: Dimension lumber: 2 x 4 - 20%

2 x 6 - 50% 2 x 8 - 10% 2 x 10 - 5%

Board lumber: $1 \times 4 - 3$ %

1 x 6 - 9% 1 x 8 - 3%

Random lengths, 15% rough and 85% dressed

SPECIES UTILIZED: ws

WOOD SUPPLY: Timber permit

AVERAGE LOG HAUL

WOODS TO MILL: 60 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT: 1981

AVERAGE EMPLOYMENT

MONTHS OF OPERATION: WOODLANDS:

OFFICE/SALES: 1 - F M - - J J A - - - -

TRANSPORTATION: INPUTS: Truck

PRODUCTS: Truck

MARKETS: Eastern Canada - 75%

Midwestern USA - 20% Saskatchewan - 5%

Lumber sold through Saskatchewan Forest Products'

agents.

GRAND CENTRAL FARMS (Cumberland House, continued)

SPECIAL SERVICES:

Cuts to customers' specifications, unit strapped.

MEMBERSHIPS:

None

ENERGY SUPPLY FOR MILL:

Diesel units

USAGE OF WOOD RESIDUES:

Slabs, edgings - no use, burned Sawdust, shavings - no use, burned

WOODLANDS EQUIPMENT:

1 - C7 Tree Farmer skidder1 - Western Star diesel truck

1 - LT9000 Ford truck

MILL FACILITIES/EQUIPMENT:

Stationary sawmill

1 - Double arbor headsaw
52" and 48" circular saws

1 - Mainland board edger

1 - 2 saw trimmer

1 - Burner

1 - 4300 Volvo loader

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply, investment capital

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$280,000

REGION:

Prince Albert

NEWTON LOGGING LTD.

ADDRESS:

General Delivery

Caribou Creek, Saskatchewan

S0J 1T0

TELEPHONE:

JR3-2002 - radio phone

Narrow Lake channel

MILL LOCATION:

Caribou Creek

OWNERS:

Garry and Darlene Newton

MILL MANAGEMENT:

Garry Newton

MILL CAPACITY:

Sawmill - 10 M fbm/8 hr shift Planing mill - 25 M fbm/8 hr shift

PRODUCTION 1984-85:

Lumber - 2.15 MM fbm Pulpwood - 3.6 M m³

PRODUCTS:

Dimension lumber: 2 x 4 - 10%

2 x 6 - 25% 2 x 8 - 15% 2 x 10 - 20%

Board lumber:

 $1 \times 4 - 5\%$ 1 x 6 - 10%

 $1 \times 8 - 5\%$

Random lengths, 40% rough and 60% dressed

Timbers:

 $3 \times 8 - 5\%$ 3 x 10 - 5%

SPECIES UTILIZED:

jP - 56% wS - 44%

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO MILL:

75 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1977

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract -6 JFMAMJJASOND 3 JFMAMJJASOND Own -12 JFMAMJJASOND

OFFICE/SALES: 2 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck Truck

PRODUCTS:

NEWTON LOGGING LTD. (continued)

MARKETS: Saskatchewan - 97%

Local - 3%

SPECIAL SERVICES: Cuts to customers' specifications.

Custom sawing and planing

MEMBERSHIPS: Saskatchewan Council of Independent Forest

Industries

ENERGY SUPPLY FOR MILL: Diesel power units

USAGE OF WOOD RESIDUES: Slabs, edgings - no use, burned

Sawdust, shavings - no use, burned

WOODLANDS EQUIPMENT: 1 - 350 Timberjack skidder

1 - D6C Cat

1 - 544A John Deere Loader1 - 950 Caterpillar loader1 - 4300 International truck

1 - Ford Louisville Tractor Trailer

4 - 45' log trailers 1 - 24' low bed

MILL FACILITIES/EQUIPMENT: 1 - Prince Albert #2 Carriage sawmill

48" circular headsaw

1 - Prince Albert 4 saw edger

1 - 38" circular resaw

1 - Coutts planer

1 - 930 Caterpillar loader

1 - 33 Massey loader

1 - Caterpillar diesel power unit

1 - 671 GMC Jimmy power unit

LIMITING FACTORS FOR

OPERATION AND EXPANSION: Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT: \$460,000

REGION: Prince Albert

NORTHERN FOREST OPERATIONS LTD. (La Ronge Sawmill)

ADDRESS: 550 First Avenue East

Prince Albert, Saskatchewan

S6V 2A5

or

La Ronge Sawmill

La Ronge, Saskatchewan

S0J 1L0

TELEPHONE: 953-3838 - Prince Albert

425-2239 - La Ronge

MILL LOCATION: La Ronge, Saskatchewan

OWNERS: Government of Saskatchewan, managed by

Saskatchewan Forest Products Corporation

MILL MANAGEMENT: Les Davies, General Manager

Fred Hachey, Comptroller Ray Clarke, Sawmill Manager

WOODLANDS MANAGEMENT: Ray Clarke

MILL CAPACITY: Sawmill - 20 M fbm/8 hr shift

Planing mill - 60 M fbm/8 hr shift

PRODUCTION 1984-85: Lumber - 1.5 MM fbm

PRODUCTS: Dimension lumber: 2 x 4 - 25%

2 x 6 - 40% 2 x 8 - 10% 2 x 10 - 18%

Board lumber: 1 x 4 - 2%

1 x 6 - 5%

Random lengths, dressed

PRODUCTS BY GRADE: Studs: standard and better - 85%

utility - 10% economy - 5%

Dimension: Nos. 2 & 3 - 65%

construction - 20% utility - 10% economy - 5%

SPECIES UTILIZED: ws

WOOD SUPPLY: Timber permit

NORTHERN FOREST OPERATIONS LTD. (La Ronge Sawmill, continued)

AVERAGE LOG HAUL

WOODS TO MILL:

80 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1975

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 3 J F M A M J J A S O N D MILL: 10 - F M A M J J A S O N -

OFFICE/SALES: 1 - F M A M J J A S O N -

TRANSPORTATION:

INPUTS: Truck
PRODUCTS: Truck

MARKETS:

Manitoba - 45%

Midwestern USA - 30% Saskatchewan - 15% Eastern Canada - 10%

SPECIAL SERVICES:

Cuts to customers' specifications, specialize in

timbers, unit strapped.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Slabs, edgings - no use, burned Sawdust, shavings - no use, burned

WOODLANDS EQUIPMENT:

None

MILL FACILITIES/EQUIPMENT:

Stationary sawmill - planing complex

1 - Coutts 48" circular headsaw

1 - Edger

1 - Trim saw assembly
1 - Newman 512 planer

1 - Allis Chalmers 840 loader

1 - Volvo 846 loader

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Market fluctuations, wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND MOBILE EQUIPMENT:

\$100,000

REGION:

La Ronge

R & T TRUCKING LTD.

ADDRESS: Box 1597

Prince Albert, Saskatchewan

S6V 5T2

TELEPHONE: 764-5063

MILL LOCATION: 25 km northeast of Prince Albert

OWNER: Harry Romanchuk

MILL MANAGEMENT: Harry Romanchuk

MILL CAPACITY: Sawmill - 12 M fbm/8 hr shift

PRODUCTION 1984-85: Lumber - 1.05 MM fbm

Pulpwood - 12.0 M m³

PRODUCTS: Dimension lumber: 2 x 6 - 10%

2 x 8 - 8%

2 x 10 - 2%

Random lengths, rough

Railway ties - 28%
Telephone poles - 43%
2nd cut slabs - 9%

SPECIES UTILIZED: jP - 90%

wS - 10%

WOOD SUPPLY: Timber permit

AVERAGE LOG HAUL

WOODS TO MILL: 125 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT: 1978

AVERAGE EMPLOYMENT

MONTHS OF OPERATION: WOODLANDS: 7 J F M A M J J A S O N D

MILL/

OFFICE/SALES: 8 J F M A M - - - - D

TRANSPORTATION: INPUTS: Truck

PRODUCTS: Truck

MARKETS: Local - 43%

Midwestern USA - 29% Alberta - 28%

SPECIAL SERVICES: Cuts to customers' specifications.

R & T TRUCKING LTD. (continued)

MEMBERSHIPS: Saskatchewan Council of Independent Forest

Industries

ENERGY SUPPLY FOR MILL: Diesel power unit

USAGE OF WOOD RESIDUES: No use, burned

1 - International C8 Skidder WOODLANDS EQUIPMENT:

> 1 - Komatsu 85 crawler 1 - Volvo 1240 loader 1 - Champion grader 2 - Logging trucks

1 - #2 Prince Albert portable sawmill MILL FACILITIES/EQUIPMENT:

48" circular headsaw

1 - edger

LIMITING FACTORS FOR

Wood supply OPERATION AND EXPANSION:

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

\$325,000 MOBILE EQUIPMENT:

REGION: Prince Albert SAWMILL-PLANING COMPLEXES 100 M to 999 M FBM

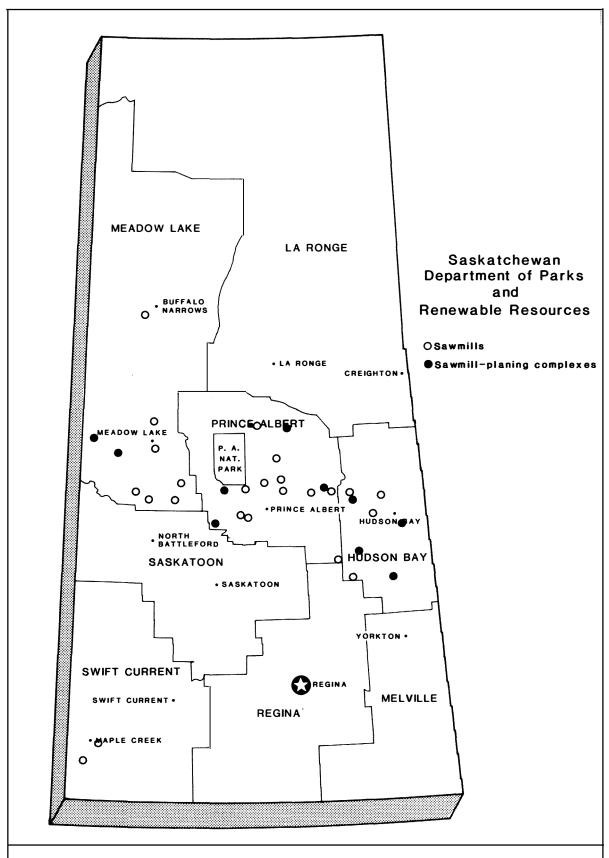


Figure 3. Locations of sawmills producing 100M to 999M fbm per year.

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
AGRO & FOREST PRODUCTS (Hendren, James)	Box 102 Kelvington, Sask. SOA 1WO 327-4875	215	Purchased -70% Timber permit-30% wS - 74% tA - 26%	Portable sawmill 48" or 52" circular headsaw Edger	80	3.5	Dimension 2 x 4 - 12% 2 x 6 - 56% 2 x 8 - 9% 2 x 10 - 4% Boards - 14% Timbers - 5% Services Custom sawing Cuts to customers' specifications. Lumber sorted by quality.	Sask 60% Local - 40% Member of SCIFI
L.V. COLVIN	Box 177 Carrot River, Sask. SOE OLO 768-3229	600	Timber permit wS - 80% jP - 20%	Stationary sawmill 48" circular headsaw Edger 2 - 2-saw trimmers Planer	38	1.7	Dimension 2 x 4 - 24% 2 x 6 - 25% 2 x 8 - 23% 2 x 10 - 22% Boards - 6% Grades Standard & Better-80% Economy -20% Services Lumber graded, end painted, unit strapped	

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)		Products and services CFPA No.	Markets and Membership
FARBER, John	Box 727 Porcupine Plain, Sask. SOE 1H0 278-2415	580 310 m ³ firewood	Timber permit	Stationary sawmill 48" circular headsaw Edger Planer	16	2.5	Dimension - 2 x 4 - 15% 2 x 6 - 50% 2 x 8 - 14% 2 x 10 - 11% Boards - 10%	Local - 70% Sask 30%
							Services Custom sawing and planing	Member of SCIFI
H.A.W. Co. (Jakubowski, William)	Box 148 Endeavour, Sask. SOA 0WO 547-5490	190	Timber permit wS - 91% tA - 9%	Portable sawmill 48" circular headsaw Edger Planer	33	0.5	Dimension 2 x 4 - 15% 2 x 6 - 34% 2 x 8 - 37% 2 x 10 - 14% Services Custom sawing and planing	Local
MATTON, Lorry	Box 816 Hudson Bay, Sask. SOE 0Y0 (no phone)	180	Timber permit wS - 67% tA - 33%	Portable sawmill 48" circular headsaw Edger 2-saw trimmer Planer	32	1.2	Dimension 2 x 4 - 13% 2 x 6 - 44% 2 x 8 - 17% 2 x 10 - 7% Boards 1 x 4 - 4% 1 x 6 - 5% 1 x 8 - 7% Timbers 4 x 6 - 3% Services Cuts to customers' specifications Custom sawing and planing	Local

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
R.L. SAUDER LOGGING LTD.	Box 525 Carrot River, Sask. SOE OLO 768-3609	500	Timber permit wS	Stationary sawmill 52" circular headsaw Board edger 1 - 5-saw trimmer 1 - 2-saw trimmer	8	3.0	Dimension 2 x 4 - 13% 2 x 6 - 25% 2 x 8 - 25% 2 x 10 - 25% Boards - 12% Services Custom sawing	Sask 80% Local - 10% Man 10% Member of SCIFI SFA
WIENS, Henry	Box 148 Carrot River, Sask. SOE OLO 768-2911	100	Timber permit	Stationary sawmill 48" circular headsaw Edger 2-saw trimmer	65	1.0	Dimension 2 x 4 - 7% 2 x 6 - 12% 2 x 8 - 6% Boards 1 x 4 - 20% 1 x 6 - 37% 1 x 8 - 18% Services Custom sawing hardwood lumber	Man 90% Local - 10% Member of SCIFI
ZSLNKA, John	General Delivery Prairie River, Sask. SOE 1J0 889-4236	400	Timber permit wS - 95% tA - 5%	Portable sawmill 42" double arbor circular headsaw Edger	0.5	0.8	Dimension 2 x 4 - 15% 2 x 6 - 30% 2 x 8 - 10% 2 x 10 - 15% Boards - 25% Timbers - 5% Services CUSTOM SAWING ONLY	Local Member of

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	(person years)	Products and services CFPA No.	Markets and Membership
BEAUBIEN, Amedee	Box 853 Meadow Lake, Sask. SOM 1V0 236-4588	130	Private wS	Portable sawmill 40" circular headsaw	15	0.2	Dimension - 75% Boards - 25% Services Custom sawing	Local
CAMPBELL, Dale	Box 361 Meadow Lake, Sask. SOM 1V0 236-4765	350	Purchased -91% Timber permit- 9% wS - 95% bS - 5%	Portable sawmill 42" circular headsaw Edger	0.5	8.3	Timbers only 3 x 3, 6 x 6, 8 x 8 Services Cuts to customers' specifications	Sask.
GLASS, Bernie and Florian, and Bob Stuart	Box 419 Glaslyn, Sask. SOM 0Y0 342-4487	164	Timber permit jP - 79% tA - 18% wS - 3%	Portable sawmill 42" circular headsaw Edger	0.5	1.2	Dimension 2 x 4 - 7% 2 x 6 - 20% Boards 1 x 4 - 14% 1 x 6 - 20% Ties - 49% Services Custom sawing Ties graded	Local - 50% Sask 25% Alta 25%
HAMM, Wilfred	Box 150 Livelong, Sask. SOM 1J0 845-2561	160	Timber permit-80% Private -20% wS - 60% jP - 30% tA - 10%	Portable sawmill 44"circular headsaw	0.5	0.7	Dimension 2 x 4 - 15% 2 x 6 - 37% 2 x 8 - 18% Boards - 30% Services Custom sawing	Local Member of

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
MARTEN, Frank	Box 118 Leoville, Sask. SOJ 1NO	225	Timber permit-79% Private -21%		0.5	0.2	Dimension - 85% Boards - 15%	Local - 90% Sask 10%
			jP - 45% tA - 10%				Services Custom sawing	
MORGENSTERN, Allan	Box 41 Loon Lake, Sask. SOM 1L0 837-4513	232	Timber permit	Portable sawmill 48" circular headsaw Edger 2 planers	0.5	1.0	Dimension 2 x 4 - 10% 2 x 6 - 21% 2 x 8 - 21% 2 x 10 - 20% Boards - 24% Timbers - 4% Services CUSTOM SAWING AND PLANING ONLY. Cuts to customers' specifications	Local - 52% Sask 48%
NEUFELD, Jim	Box 41 Dorintosh, Sask. SOM OTO 236-4664	250	Timber permit-80% Private -20% wS - 50% jP - 50%	Portable sawmill 50" circular headsaw Edger	0.5	0.8	Dimension - 75% Boards - 20% Timber - 5% Services Custom sawing Cuts to customers' specifications	Local

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
SUTEAU, Lawrence	Box 16, Site 2 R.R. #1 Spiritwood, Sask. SOJ 2NO 883-2619	900	Timber permit jp - 95% tA - 5%	Portable sawmill 44" circular headsaw Edger	50	2.1	Dimension 2 x 4 - 14% 2 x 6 - 20% Boards - 4% Timbers 4 x 4 - 38% 6 x 6 - 14% 8 x 8 - 10% Services Custom sawing Cuts to customers' specifications	Sask 95% Local - 5% Member of SCIFI
WYSS, Rudy and Lorne	Box 101 Pierceland, Sask. SOM 2KO 839-4706	500	Timber permit wS - 64% bPo - 24% jP - 12%	2 - Portable sawmills 48" circular headsaw Planer	62	3.2	Dimension 2 x 4 - 15% 2 x 6 - 46% 2 x 8 - 2% 2 x 10 - 2% Boards - 3% Timbers 3 x 12 - 2% 4 x 6 - 24% 8 x 8 - 6% Grades Construction - 95% Economy - 5% Services Custom sawing and planing Unit strapped Cuts to customers' specifications	Local - 40% Sask 30% Alta 30%

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Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
BARTON, Ross	Box 94 Macdowall, Sask. SOK 2SO 764-7942	124	Timber permit jp - 75% wS - 25%	Stationary sawmill 42" circular headsaw	32	0.8	Dimension - 17% Boards - 3% Ties - 71% Building Logs - 9% Services Sales agent for other tie producers	Alta 70% Local - 30%
CARLSON, Carl	Box 162 Archerwill, Sask. SOE 0B0 323-4905	100	Private wS - 45% tA - 35% wB - 20%	Portable sawmill 48" circular headsaw	0.5	1.3	Dimension 2 x 4 - 9% 2 x 6 - 37% 2 x 8 - 27% 2 x 10 - 4% Boards 1 x 4 - 4% 1 x 6 - 7% 1 x 8 - 12% Services Custom sawing Unit strapped	Local - 80% W. USA - 20%
DAVIS LOGGING (Davis, Terry)	Box 57 Choiceland, Sask. SOJ 0MO 428-2782	100	Private jP - 80% tA - 10% wS - 10%	Portable sawmill 48" circular headsaw	0.5	2.0	Dimension - 54% Boards - 10% Ties - 36% Services CUSTOM SAWING ONLY Cuts to customers' specifications	Local

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
R. HERZOG & SONS LUMBER (Herzog, Bob)	General Delivery Mayview, Sask. SOJ 1SO 747-3691	180	Timber permit wS - 90% jP - 10%	Stationary sawmill 48" circular headsaw Edger Trim saw Planer	130	2.2	Dimension 2 x 4 - 20% 2 x 6 - 30% 2 x 8 - 15% 2 x 10 - 15% Boards 1 x 4 - 5% 1 x 6 - 10% 1 x 8 - 5%	Local Member of SCIFI
LENNOX, Stan	General Delivery Tweedsmuir, Sask. SOJ 2VO 982-4906	160	Purchased-95% Private - 5% ws - 90% jP - 5% tA - 5%	Stationary sawmill 48" circular headsaw	100	0.5	Dimension 2 x 2 - 9% 2 x 4 - 18% 2 x 6 - 30% 2 x 8 - 14% 2 x 10 - 18% Boards - 5% Timbers - 6%	Local
LORENSEN, Melvin	Box 133 Macdowall, Sask. SOK 2SO 764-7976	150 2400 m ³ pulpwood	Timber permit	Portable sawmill 42" circular headsaw	40	1.5	Ties - 97% 2nd cut slabs - 3%	Alta 95% Sask 5%

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
RIEMER, William	Box 146 White Fox, Sask. SOJ 3BO 276-2447	262	Timber permit jP - 70% wS - 20% tA - 10%	Portable sawmill 46" circular headsaw Edger Planer	0.5	3.9	Dimension 2 x 4 - 21% 2 x 6 - 22% 2 x 10 - 9% Boards - 34% Ties - 14% Services Cuts to customers' specifications	Local - 65% Sask 20% Alta 15% Member of SCIFI
ROY, George	Box 169 Paddockwood, Sask. SOJ 120 989-4523	360 m ³ pulpwood	Timber permit-85% Private -15% wS - 90% jP - 10%	Portable sawmill 48" circular headsaw	88	2.5	Dimension 2 x 6 - 75% 2 x 8 - 10% 2 x 10 - 10% Timbers - 5% Services Custom sawing Cuts to customers' specification	Sask 95% Local - 5%
SCOTT, Dennis and WILMOT, Gordon	Box 44 Garrick, Sask. SOJ 0ZO 276-2368	315	Private wS - 90% jP - 10%	Portable sawmill 48" circular headsaw Trim saw Edger	27	4.0	Dimension 2 x 4 - 7% 2 x 6 - 25% 2 x 8 - 23% 2 x 10 - 15% Boards - 25% Ties - 5% Services Custom sawing	Sask 52% Local - 34% Man 14%

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
SLONSKI, Adam	R.R. #4 Prince Albert, Sask. S6V 5R2 929-4865	150	Timber permit wS - 90% jP - 10%	Portable sawmill 48" circular headsaw Edger	0.5	1.0	Dimension - 80% Boards - 20%	Sask.
(All estima	tes, no information suppl	Lied)						
VODNOSKI, Ron	Box 274 Choiceland, Sask. SOJ 0M0	300 722 m ³ pulpwood	Timber permit wS - 60% tA - 40%	Portable sawmill 48" or 50" circular headsaw Edger	0.5	2.9	Dimension 2 x 4 - 5% 2 x 6 - 23% 2 x 8 - 27% Boards 1 x 6 - 35% 1 x 8 - 10%	Sask.

Name	Address and Telephone	Production 1984-85 (M fbm)	Wood Supply	Facilities	Av. Log haul woods to mill (km)	Employment (person years)	Products and services CFPA No.	Markets and Membership
LESLIE SAWMILL (James Leslie)	Box 867 Maple Creek, Sask. SON 1NO 662-3446	235	Purchased -43% Private -34% Timber permit-23% 1P - 66% wS - 34%	sawmill	12	2.5	Dimension 2 x 4 - 5% 2 x 6 - 21% 2 x 8 - 19% 2 x 10 - 5% Boards 1 x 4 - 4% 1 x 6 - 3% 1 x 8 - 3% Timbers - 40%	Local - 60% Sask 40%
RY-MAR WOOD PRODUCTS LTD. (Richard Zapf)	Box 1629 Maple Creek, Sask. SON 1NO 662-4152	150	Timber permit 1P - 90% wS - 10%	Portable sawmill 48" circular headsaw Edger	0.5	3.7	Dimension 2 x 4 - 6% 2 x 6 - 24% 2 x 8 - 20% 2 x 10 - 10% Boards - 15% Bull rails - 25%	Local

SAWMILL-PLANING COMPLEXES
LESS THAN 100 M FBM

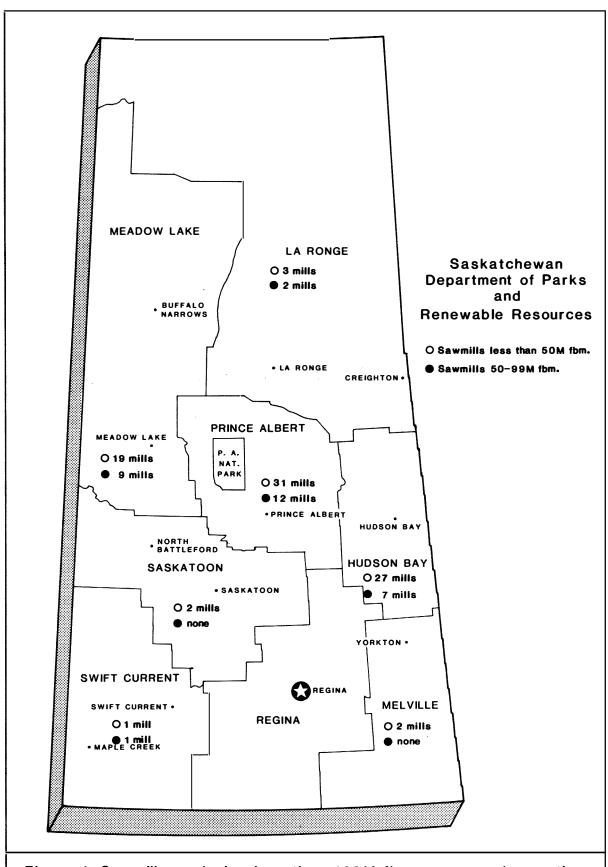


Figure 4. Sawmills producing less than 100M fbm. per year, by section.

Table 4. Sawmills Producing Less than 100 M fbm

Saskatchewan Forest Regions	Number of Firms	Production in M fbm
Hudson Bay	34	937
La Ronge	5	149
Meadow Lake	28	1087
Melville	2	51
Prince Albert	43	1432
Regina	-	-
Saskatoon	2	45
Swift Current	2	144
Total	116	3845

Name	Name	Address	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm	
Baranosky, Joe	Box 411, Porcupine Plain, Sask. SOE 1HO		х	
Billeter, Lyle	Box 162, Weekes, Sask. SOE 1V0		x	
Bobyk, Eugene	Box 93, Pelly, Sask. SOA 2ZO		x	
Campbell, Orville	Box 155, Kelvington, Sask. SOA 1WO		x	
Dahl, Ernest	Box 488, Kelvington, Sask. SOA 1WO		x	
Douglas, Robert	Box 655, Porcupine Plain, Sask. SOE 1HO		x	
Drummond, Alvin	Box 883, Kelvington, Sask. SOA 1WO		x	
Fittes, James	Box 226, Porcupine Plain, Sask. SOE 1H0		x	
Forbes, Donald	Porcupine Plain, Sask. SOE 1HO		x	
Galacz, Andy	Box 113, Carragana, Sask. SOE OKO		x	
German, Peter	Box 68, Endeavour, Sask. SOA 0W0		x	
Grant, Clarence	Box 1003, Hudson Bay, Sask. SOE 0Y0	x		
Halushka, Art	RR#1, Arran, Sask. SOA OBO	x		
Hammerstrom, Curtis	Box 496, Preeceville, Sask. SOA 3BO		x	
Hanson, Larry	Box 85, Okla, Sask. SOA 2XO	x		
Holness, Rod	RR#1, Box 1, Swan River, Man. R01 120		x	
Homenuk, Wayne	Box 184, Arran, Sask. SOA OBO		x	
Johnson, Leven	Box 156, Kelvington, Sask. SOA 1WO		x	
Kryzanowski, Mike	Box 92, Porcupine Plain, Sask. SOE 1H0	x		
Kwasney, Carl	Box 424, Porcupine Plain, Sask. SOE 1HO		x	
Kwasney, Steve	Box 653, Porcupine Plain, Sask. SOE 1H0		x	

Name	Address	Produ	Less than 50 M fbm	
		50 M fbm to 99 M fbm		
Marshall, John	Box 238, Hudson Bay, Sask. SOE 0Y0	х		
Messenger, Sherol	Endeavour, Sask. SOA 0W0		x	
Raabel, Herman	Box 102, Pelly, Sask. SOA 220		x	
Rahn, Andy	Box 61, Danbury, Sask. SOA 0P0		x	
Renneberg, Walter	Box 93, Chelan, Sask. SOE 0N0		x	
Robertson, Harold	Box 403, Kelvington, Sask. SOA 1WO		x	
Smith, Clifford	Box 2, Carragana, Sask. SOE 0K0		x	
Thompson, Melvin	Box 26, Mistatim, Sask. SOE 1B0	x		
Coovey, Robert	Box 662, Kelvington, Sask. SOA 1WO		x	
Nagner, Herman	Box 224, Lintlaw, Sask. SOA 2HO		x	
Weldon, Lawrence	Box 213, Arborfield, Sask. SOE 0A0	x		
liens, Art	Weekes, Sask. SOE 1V0		x	
Zarowny, Adolph	Box 296, Pelly, Sask. SOA 2ZO		x	

Name	Address	Prod	duction	
		50 M fbm to 99 M fbm	Less than 50 M fbm	
Anderson, Bruce	Box 503, Naicam, Sask. SOK 2ZO		x	
Christianson, Dennis	Box 44, Denare Beach, Sask. SOP 0B0	x		
Durama Enterprises	Box 494, La Ronge, Sask. S0J 1L0		x	
Lafond, Norman	Box 7, Debden, Sask. S0J 0S0	x		
Sportsman Lodge Ltd.	Box 180, La Ronge, Sask. SOJ 1L0		x	

Name	Address	Prod	uction
		50 M fbm to 99 M fbm	Less than 50 M fbm
Bundshuh, Herman	Box 1534, Meadow Lake, Sask. SOM 1V0		x
Butler, Steve	Box 148, Loon Lake, Sask. SOM 1L0		x
Crossland, Leo	Box 284, Leoville, Sask. SOJ 1NO	x	
Dougan, William	Chitek Lake, Sask. SOJ OLO		x
Egeland, Noble	Box 13, Medstead, Sask. SOM 1W0		x
Frolick, Bill	Pierceland, Sask. SOM 2KO		x
Hanson, Orle	Box 95, Dorintosh, Sask. SOM OTO		x
Heidel Bros.	RR#1, North Battleford, Sask. S9A 2X3	x	
Henri, Rene	Box 241, Leoville, Sask. SOJ 1NO	x	
H & M Logging	Box 1267, Meadow Lake, Sask. SOM 1V0		x
Kaplar, Gary	Box 103, Livelong, Sask. SOM 1J0		x
Latimer, Archie	Box 70, Meadstead, Sask. SOM 1W0	x	
McDaid, James	Box 1, Site 5, Leoville, Sask. SOJ 1NO		x
McGowan, Douglas	Box 250, St. Walburg, Sask. SOM 2TO		x
McRae, Tom	Loon Lake, Sask. SOM 1L0		x
Michel, Wilfred	Box 2306, Meadow Lake, Sask. SOM 1V0		x
Millar, Alex	RR#1, Spiritwood, Sask. S0J 2M0	х	
Millar, Alvin	Box 801 Spiritwood, Sask. S0J 2M0	х	
Millard, Vern	Box 133, Livelong, Sask. SOM 1J0	X	
Moellman, Roy	Box 301, Loon Lake, Sask. SOM 1L0	x	
Morris, Roger	Box 58, Frenchman Butte, Sask. SOM 0W0		x

Name	Address	Prod	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm	
Muranetz, Bud	Box 153, Livelong, Sask. SOM 1J0		х	
Noeth Bros.	Box 273, Paradise Hill, Sask. SOM 2G0	x		
Oberhofer, Rudy	Box 1, St. Walburg, Sask. SOM 2TO		x	
Orange, Henry	Medstead, Sask. SOM 1WO		x	
Sergeen, John	Box 15, Goodsoil, Sask. SOM 1A0		x	
Studer, Marvin	Box 24, Loon Lake, Sask. SOM 1L0		x	
Macharias, Jacob	Rapid View, Sask. SOM 2MO		x	

Name	Address	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm
Chernoff, Sam	Box 1326, Kamsack, Sask. SOA 1SO		х
Vidomski, Dennis	Box 964, Kamsack, Sask. SOA 1SO		x

Name	Address	Prod	uction
		50 M fbm to 99 M fbm	Less than 50 M fbm
Abramyk, Walter	RR#1, Prince Albert, Sask. S6V 5P8		x
Andres Bros.	Shell Lake, Sask. SOJ 2G0		x
Aspvik, Helmer	BOx 117, Paddockwood, Sask. SOJ 120	x	
Bannister, Cecil	Box 209, White Fox, Sask. S0J 3B0		x
Baranteski, Raymond	White Fox, Sask. SOJ 3B0	x	
Beecher, Floyd	Box 11, Kinistino, Sask. S0J 1H0		x
Chamberland, Bruno	Box 673, Watson, Sask. SOK 4V0		x
Chokan, Andrew	Box 108, Gronlid, Sask. SOE 0W0		x
Cooper Bros.	Box 177, Gronlid, Sask. SOE 0W0	x	
Craven, Wayne & Vickaryous, Lorne	Box 1348, Nipawin, Sask. SOE 1E0		x
Elliott, Bill	Box 84, Paddockwood, Sask. S0J 120		x
Fitzsimmons, Robert	Box 2393, Melfort, Sask. SOE 1A0		x
Fox, Wayne	White Fox, Sask. SOJ 3B0	x	
Halland, David	RR#1, Box 26, Love, Sask. S0J 1P0	x	
Haugerud, Lloyd	Brockington, Sask. SOE OGO		x
Henderson, Del	Candle Lake, Sask. SOJ 3E0	x	
Hewison, Lloyd	RR#3, Prince Albert, Sask. S6V 5R1		x
James Smith Indian Band	Box 2019, Melfort, Sask. SOE 1A0	X	
Johnson, Lorne	Box 2181, Melfort, Sask. SOE 1A0		x
Klimek, Adam	RR#1, Prince Albert, Sask. S6V 5P8		x

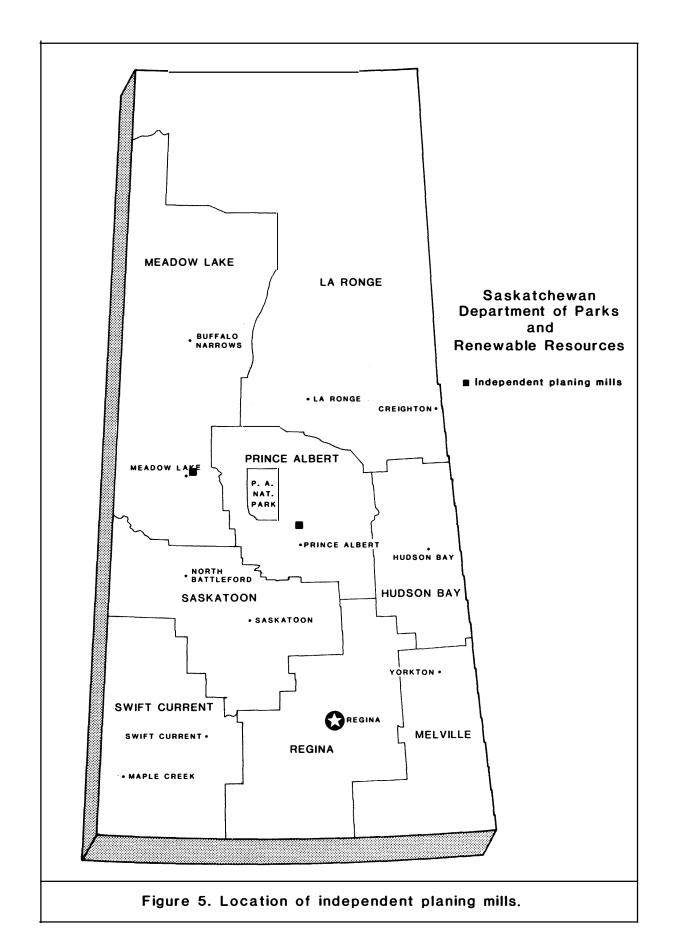
Name	Address	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm
Klischuk, Adam	RR#1, Prince Albert, Sask. S6V 5P8		х
Lamontagne, Emile	Box 261, Shell Lake., Sask. S0J 2G0		x
Langford, George	Box 24, Spruce Home, Sask., S0J 2N0		x
Lapointe, Grant	Box 140, MacDowall, Sask. SOK 2SO	x	
Lorensen, Noel	Box 59, MacDowell, Sask. SOK 2SO	x	
Meyers, Hugh	Box 28, Big River, Sask. SOJ 0E0		x
Molzan, Alfred	Stump Lake, Sask. S0J 2S0		x
Morash, Doug	Box 651, Prince Albert, Sask. S6V 5S2		x
Neufeld, Edwin	Box 166, Codette, Sask. SOE 0P0	X	
Neufeld, Martin	Box 46, Codette, Sask. SOE 0P0	X	
Newton, Don	Box 1539, Nipawin, Sask. SOE 1E0		x
Nowlin, Lyle	Box 314, White Fox, Sask. S0J 3B0		x
Olekstuk, Julian	RR#4, Prince Albert, Sask. S6V 5R2	X	
Pochipinski, Marvin	Carrot River, Sask. SOE OLO		x
Reimer, Gordon	Stump Lake, Sask. S0J 2S0		x
Rudolph, Jack	Box 321, Shellbrook, Sask. S0J 2E0		x
Shymanski, Dennis	Box 132, Smeaton, Sask. SOJ 2J0		x
Shynkaruk, John	Box 206, Shell Lake, Sask. S0J 2G0		x
Stieb, John	Box 278, Leask, Sask. SOJ 1MO		x

Name	Address	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm
Tegstrom, Ken	Box 3517, Melfort, Sask. SOE 1A0		х
Toews, Doug	Box 431, Melfort, Sask. SOE 1A0		x
Vickaryous, Frank	Box 575, Nipawin, Sask. SOE 1E0		x
Windels, Henry	Box 419, Duck Lake, Sask. SOK 1J0		x

Name	Address	Produ	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm	
eaver, Norman	RR#1, Battleford, Sask. SOM 0E0		х	
triga, Fred	Box 147, Mayfair, Sask. SOM 1SO		x	

Name	Address	Production	
		50 M fbm to 99 M fbm	Less than 50 M fbm
Demchenko, Sam	Box 394, Maple Creek, Sask. SON 1NO		х
Meier, Jim	Box 232, Maple Creek, Sask. SON 1NO	x	

INDEPENDENT PLANING MILLS



NORTHERN FOREST OPERATIONS LTD. (Meadow Lake Planing Mill)

ADDRESS:

550 - First Avenue East Prince Albert, Saskatchewan S6V 2A5

or

Meadow Lake Planing Mill Meadow Lake, Saskatchewan

SOM 1V0

TELEPHONE:

953-3838 - Prince Albert 236-6555 - Meadow Lake

MILL LOCATION:

Meadow Lake, Saskatchewan

OWNERS:

Government of Saskatchewan, managed by Saskatchewan Forest Products Corporation

MILL MANAGEMENT:

Les Davies, General Manager Fred Hachey, Comptroller Ollie Harris, Mill Manager

MILL CAPACITY:

Planing mill - 75 M fbm/8 hr shift

PRODUCTION 1984-85:

6 MM fbm

PRODUCTS:

Dimension lumber: 2 x 4 - 10% 2 x 6 - 20%

2 x 8 - 15% 2 x 10 - 40%

Boards:

1 x 4 - 5% 1 x 6 - 5%

Random lengths, dressed

Timbers:

6 x 6 - 3% 8 x 8 - 2%

PRODUCTS BY GRADE:

#2 and better - 85% Utility - 10% Economy - 5%

SPECIES UTILIZED:

wS - 90% jP - 10%

WOOD SUPPLY:

Timber permit

Lumber from Green Lake Sawmill

AVERAGE LUMBER HAUL TO MILL:

50 km

NORTHERN FOREST OPERATIONS LTD. (Meadow Lake, continued)

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1960

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

PLANING MILL: 14 ---- M J J A S O -OFFICE/SALES: 3 ---- M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck - 60%

Rail (CPR) - 40%

MARKETS:

Manitoba - 40% Midwestern USA - 40% Saskatchewan - 20%

SPECIAL SERVICES:

Special pattern stock (siding, tongue and groove); dressed; graded; unit strapped and poly

wrapped.

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

MILL STAMP:

CFPA #50

ENERGY SUPPLY FOR MILL:

Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Shavings - agricultural use

MILL FACILITIES/EQUIPMENT:

1 - Band resaw

1 - Yates A-20 planer1 - 846 Volvo loader1 - B45 Michigan loader

1 - 3000 Ford tractor with lumber carrier

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Market fluctuations

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$500,000

REGION:

Meadow Lake

ZELENSKY BROTHERS PLANING

ADDRESS:

R.R. #4

Prince Albert, Saskatchewan

S6V 5R2

TELEPHONE:

929-4482

MILL LOCATION:

Portable mill - operates in Prince Albert Region

OWNERS:

Brian and Perry Zelensky

MILL MANAGEMENT:

Brian Zelensky Perry Zelensky

MILL CAPACITY:

Planing mill - 35 M fbm/8 hr shift

PRODUCTION 1984-85:

2.0 MM fbm

PRODUCTS:

Dimension lumber: 2 x 4 - 21%

2 x 6 - 26% $2 \times 8 - 17$ % 2 x 10 - 8% 2 x 12 - 4%

Board lumber:

 $1 \times 4 - 5\%$ 1 x 6 - 6%

1 x 8 - 5%

Random lengths, dressed

Timbers

4 x 4 - 8%

PRODUCTS BY GRADE:

#2 and better - 70% #3 and utility - 20% Economy - 10%

SPECIES UTILIZED:

ws - 50% jP - 50%

WOOD SUPPLY:

N/A

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1960

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

PLANING MILL: 4.5 - - - - J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

ZELENSKY BROTHERS PLANING

(continued)

MARKETS:

Saskatchewan - 50%

Manitoba - 20%

Midwestern USA - 20%

Local

- 10%

SPECIAL SERVICES:

Custom planing only

Lumber dressed to customers' specifications, poly

under first tier, graded

MEMBERSHIPS:

Central Forest Products Association

Forintek Canada Corp.

MILL STAMP:

CFPA #16

ENERGY SUPPLY FOR MILL:

Diesel power unit

USAGE OF WOOD RESIDUES:

Shavings - 70% no use, burned

- 30% agricultural use

MILL FACILITIES/EQUIPMENT:

Portable planing mill

1 - Alco planer

1 - Alco 36" resaw

1 - Trim saw assembly

1 - 2100 Allis Chalmers stationary power unit

1 - 910 Caterpillar loader

1 - 35' flatdeck trailer

1 - Mobile house trailer

1 - One ton truck

1 - Portable sawmill with 48" circular headsaw

1 - 4" x 48" Coutts edger

1 - 3-saw trim saw

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Market fluctuations, labor shortage

ESTIMATED REPLACEMENT COST

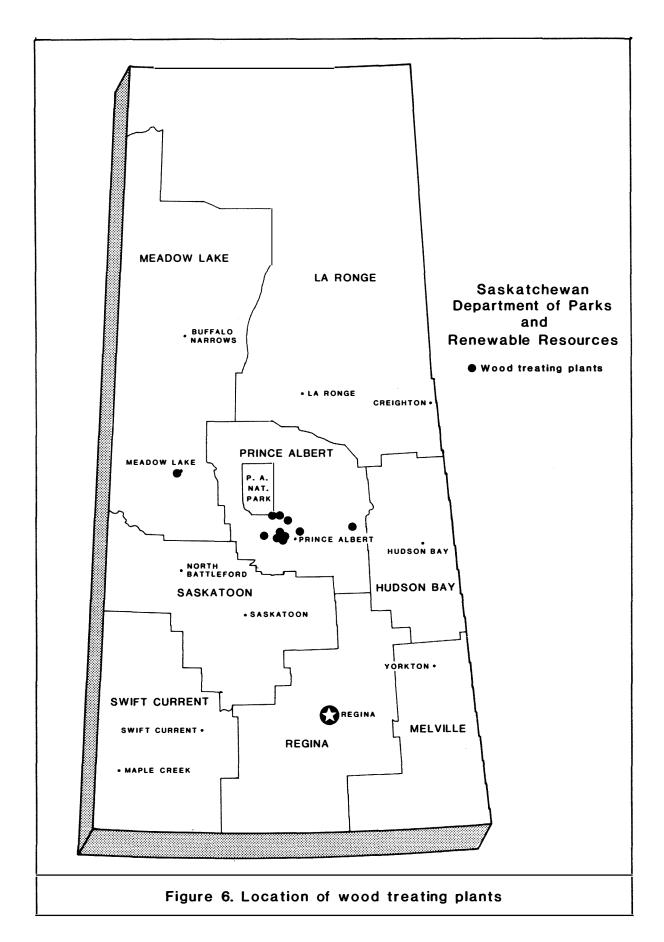
OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$150,000

REGION:

WOOD TREATING PLANTS



AALLCANN WOOD SUPPLIERS

ADDRESS:

Box 1597

Prince Albert, Saskatchewan

S6V 5T2

TELEPHONE:

764-5063

PLANT LOCATION:

26 km northeast of Prince Albert, Saskatchewan

OWNERS:

Bob Romanchuk and Company

PLANT MANAGEMENT:

Bob Romanchuk

PLANT CAPACITY:

Treating plant - 7.0 M posts/day
Post peeler - 4.0 M posts/day

PRODUCTION 1984-85:

8.9 M m^3 (394 M posts and rails)

89.1 M m³ pulpwood

PRODUCTS:

Treated fence posts: 2 - 3" - 12%

4 - 5" - 54% 5 - 6" - 21%

6 - 8" - 2%

6, 7 and 8' lengths

Rails up to 16'

- 11%

PRESERVATIVES USED:

Pentachlorophenol and diesel fuel mix

SPECIES UTILIZED:

jP (fire killed) - 90% bS - 10%

WOOD SUPPLY:

Purchased - 51% Timber permit - 23% Imported (Manitoba) - 26%

AVERAGE LOG HAUL

WOODS TO PLANT:

260 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1980

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 25 J F M A M J J A S O N D

Own - 45 J F M A M J J A S O N D TREATING PLANT: 11 - F M A M J J A S O N D OFFICE/SALES: 2 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

AALLCANN WOOD SUPPLIERS

(continued)

Saskatchewan - 34% MARKETS:

> Midwestern USA - 32% Alberta - 17% Manitoba - 17%

SPECIAL SERVICES:

Unit strapped

Treated to customers' specifications

MEMBERSHIPS: Saskatchewan Council of Independent Forest

Industries

Saskatchewan Forestry Association

TRADE NAME:

Aallcann Wood

ENERGY SUPPLY FOR PLANT:

Electricity - self generated

USAGE OF WOOD RESIDUES:

Bark, peelings - no use, piled

WOODLANDS EQUIPMENT:

6 - Clark skidders 1 - Timberjack skidder l - Komatsu crawler 2 - Volvo loaders 2 - Clark loaders 1 - Melroe loader

2 - Champion graders 6 - Trucks and trailers

PLANT FACILITIES/EQUIPMENT: 2 - Domers

2 - Augustine post peelers

2 - Sharpeners

1 - Open treating tank 1 - 55 Michigan loader 1 - 1240 Volvo loader 1 - 640 Bobcat loader

1 - power generator (diesel)

1 - truck and trailer

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$820,000

REGION:

B & B WOOD PRESERVERS LTD.

ADDRESS:

Box 1535

Meadow Lake, Saskatchewan

SOM 1B0

TELEPHONE:

236-6462

PLANT LOCATION:

Meadow Lake, Saskatchewan

OWNERS:

George Brown and Company

PLANT MANAGEMENT:

George Brown

PLANT CAPACITY:

Treating plant - 17 m³/day (1000 posts/day)

Post peeler - 1.5 M posts/day

PRODUCTION 1984-85:

1.5 M m^3 (80.1 M posts and poles)

PRODUCTS:

Pressure treated fence posts: 2 - 3" - 7%

3 - 4" - 23% 4 - 5" - 14%

6 - 8" - 49%

6, 7 and 8' lengths

Poles and lumber up to 30'

- 7%

PRESERVATIVES USED:

Chromated copper arsenate and water \min

SPECIES UTILIZED:

jΡ

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT:

85 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1972

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 6 - - M A M J J A S O - -

TREATING PLANT: 4 - - M A M J J A S O - -

OFFICE/SALES: 1 - - M A M J J A S O - -

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Local - 90%

Saskatchewan - 10%

SPECIAL SERVICES:

Pressure treated to Canadian Standards Association specifications, unit strapped, Custom treating to customers' specifications

B & B WOOD PRESERVERS LTD. (continued)

ENERGY SUPPLY FOR PLANT:

Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Bark, peelings - agricultural use

WOODLANDS EQUIPMENT:

None

PLANT FACILITIES/EQUIPMENT: 1 - Leach post peeler

1 - Sharpener

1 - Domer

1 - Pressure treating tank, 48" x 31'

1 - 470 Massey Ferguson loader 1 - 300 International loader

1 - International flat deck truck

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND MOBILE EQUIPMENT:

\$200,000

REGION:

Meadow Lake

BIG DOME WOOD PRESERVERS

(Tom Lehner)

ADDRESS:

243 25 St. West

Prince Albert, Saskatchewan

S6V 4P4

TELEPHONE:

764-2108

PRODUCTION 1984-85:

909 m³ (50 M posts)

(estimated production, no data supplied by

company)

EMPLOYMENT (PERSON/YEARS): 0.6

LIMITING FACTORS FOR

OPERATION AND EXPANSION: Wood supply

REGION:

CHESTER, WILLARD

ADDRESS:

1950 - 17th Avenue

Prince Albert, Saskatchewan

S6V 5R7

TELEPHONE:

764-5675

PLANT LOCATION:

Prince Albert, Saskatchewan

OWNERS:

Willard Chester

PLANT MANAGEMENT:

Willard Chester

PLANT CAPACITY:

Treating plant - 5.0 M posts/day Post peelers - 5.0 M posts/day

PRODUCTION 1984:

4.0 M m^3 (200 M posts)

PRODUCTS:

Treated fence posts - all 6'

PRESERVATIVES USED:

Pentachlorophenol and diesel fuel mix

SPECIES UTILIZED:

jΡ

WOOD SUPPLY:

Purchased - 70%

Timber permit - 30%

AVERAGE LOG HAUL

WOODS TO PLANT:

160 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1982

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Own -

4 JFMAMJJAS---

Printer and sections

TREATING PLANT: 2 J F M A M J J A S - - -

OFFICE/SALES: 1 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS: PRODUCTS:

Truck Truck

MARKETS:

Alberta - 35%

Manitoba - 35%

Saskatchewan - 25%

Local

- 5%

SPECIAL SERVICES:

Unit strapped

ENERGY SUPPLY FOR PLANT:

Diesel and gas power units

USAGE OF WOOD RESIDUES:

Bark, peelings - no use, piled

CHESTER, WILLARD (continued)

WOODLANDS EQUIPMENT:

l - Clark skidder

1 - Case loader

PLANT FACILITIES/EQUIPMENT: 1 - Open treating tank

2 - Post peelers 2 - Sharpeners

2 - Domers

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$35,000

REGION:

GRABER, ALVIN

ADDRESS:

R.R. #1

Codette, Saskatchewan

SOE OPO

TELEPHONE:

862-9269

PLANT LOCATION:

Codette, Saskatchewan

OWNERS:

Alvin Grabber

PLANT MANAGEMENT:

Alvin Grabber

PLANT CAPACITY:

Treating plant - 1.0 M posts/day Post peelers - 1.0 M posts/day

PRODUCTION 1984-85:

166 m³ (6 M posts)

PRODUCTS:

Treated fence posts, 6' lengths

PRESERVATIVES USED:

Chromated copper arsenate and water mix

SPECIES UTILIZED:

jP - 90% bS - 5% bPo - 5%

WOOD SUPPLY:

Timber permit - 85%
Purchased - 10%
Private - 5%

AVERAGE LOG HAUL WOODS TO PLANT:

65 km

YEAR PLANT WAS CONSTRUCTED OR REBUILT:

1978

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

0.5 - - - A M J J A S O N D

TREATING PLANT/

OFFICE:

0.5 --- M J J A S O N D

TRANSPORTATION:

INPUTS: PRODUCTS:

Truck Truck

MARKETS:

Saskatchewan - 60% Local - 40%

SPECIAL SERVICES:

Custom treating

ENERGY SUPPLY FOR PLANT:

Gas tractor unit

GRABER, ALVIN (continued)

USAGE OF WOOD RESIDUES:

Bark, peelings - no use, burned

Post ends - firewood

WOODLANDS EQUIPMENT:

1 - Truck, 4-wheel drive

PLANT FACILITIES/EQUIPMENT: 2 - Open treating tanks

1 - Post peeler

1 - Sharpener

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$20,000

REGION:

GRIMARD WOOD PRESERVERS LTD.

ADDRESS: General Delivery

Holbein, Saskatchewan

S0J 1G0

TELEPHONE: 747-3744

PLANT LOCATION: Holbein, Saskatchewan

OWNERS: Alex and Lawrence Grimard

WOODLANDS MANAGEMENT: Alex and Lawrence Grimard

PLANT MANAGEMENT: Alex and Lawrence Grimard

PLANT CAPACITY: Treating plant - 1.0 M posts/day

Post peeler - 2.0 M posts/day

PRODUCTION 1984-85: 1.6 M m³ (100 M posts)

PRODUCTS: Treated fence posts: 2 - 3" - 15%

3 - 5" - 55%

6' lengths

6 - 8" - 30%

7'and 8' lengths

PRESERVATIVES USED: Pentachlorophenol and diesel fuel mix

MARKETS: S. Saskatchewan - 90%

Local - 10%

SPECIES UTILIZED: jp (fire killed)

WOOD SUPPLY: Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT: 150 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT: 1973

AVERAGE EMPLOYMENT

MONTHS OF OPERATION: WOODLANDS:

Contract - 1.5 J F M A M J J A S O N D
Own - 1 J F M - - - - - - -

TREATING PLANT: 2 J F M A M J J A S O N D OFFICE/SALES: 1 J F M A M J J A S O N D

TRANSPORTATION: INPUTS: Truck

PRODUCTS: Truck

GRIMARD WOOD PRESERVERS LTD. (continued)

MARKETS:

Saskatchewan - 90%

Local

- 10%

SPECIAL SERVICES:

Unit strapped

ENERGY SUPPLY FOR PLANT: Diesel tractor unit

USAGE OF WOOD RESIDUES:

Bark, peelings - no use, burned

WOODLANDS EQUIPMENT:

1 - 662 Clark skidder

1 - 9000 Ford diesel truck

PLANT FACILITIES/EQUIPMENT: 2 - Open treating tanks

1 - Post peeler 1 - Sharpener 1 - Domer

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$40,000

REGION:

L & M WOOD PRODUCTS LTD.

ADDRESS:

Box 149

Glaslyn, Saskatchewan

SOM OYO

TELEPHONE:

342-2080

MILL LOCATION:

Glaslyn, Saskatchewan

PRODUCTION 1984-85:

5.7 M m^3 (234.8 M posts and poles)

PRESERVATIVE USED:

Chromated copper arsenate and water $\min x$

SPECIES UTILIZED:

jΡ

REGION:

Meadow Lake

For details see L & M Wood Products Ltd., page 21.

LEHNER WOOD PRESERVERS CO. LTD.

ADDRESS:

2690 4th Avenue West

Prince Albert, Saskatchewan

S6V 5Y9

TELEPHONE:

764-8835

PLANT LOCATION:

Prince Albert, Saskatchewan

OWNERS:

Ron Lehner and Company

PLANT MANAGEMENT:

Ron Lehner, President

June Lehner, Vice-President and Secretary

PLANT CAPACITY:

Treating plant - 1.8 M posts/day

Post peeler - 4.0 M posts/day

PRODUCTION 1984-85:

3.1 M m^3 (324 M posts) 26.5 M m^3 pulpwood

PRODUCTS:

Pressure treated fence posts: 2 - 3" - 25%

3 - 4" - 58%

Utility - 10% Other - 7%

6' - 8' lengths

PRESERVATIVES USED:

Pentachlorophenol and fuel oil mix

SPECIES UTILIZED:

jΡ

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT:

165 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1974

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

50 JFMAMJJASON-Contract -

TREATING PLANT: 16 JFMAMJJASOND

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Saskatchewan - 60%

Manitoba - 20% Alberta - 15%

British Columbia - 5%

SPECIAL SERVICES:

Pressure treating to customers' specifications,

stamped, unit strapped

LEHNER WOOD PRESERVERS CO. LTD. (continued)

MEMBERSHIP:

Saskatchewan Council of Independent Forest

Industries

Saskatchewan Forestry Association

TRADEMARK:

LWP

ENERGY SUPPLY FOR PLANT:

Natural gas - Saskatchewan Power Corp. Electricity - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Bark, peelings - no use, burned

WOODLANDS EQUIPMENT:

None

PLANT FACILITIES/EQUIPMENT: 2 - Post peelers

2 - Post peeler
2 - Sharpeners

2 - Domers

1 - Cut-off saw

1 - Pressure treating tank, 72" x 37'

1 - Burner

1 - W20 Case loader

1 - International tractor with trailer

1 - 1/2 ton truck

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$1,700,000

REGION:

PILON, ARSENE

ADDRESS:

1220 - 15 St. West

Prince Albert, Saskatchewan

S6V 3S6

TELEPHONE:

763-2706

PLANT LOCATION:

Prince Albert, Saskatchewan

OWNERS:

Arsene Pilon

WOODLANDS MANAGEMENT:

Arsene Pilon

PLANT MANAGEMENT:

Arsene Pilon

PLANT CAPACITY:

Treating plant - 1.0 M posts/day Post peeler - 3.0 M posts/day

PRODUCTION 1984-85:

2.1 M m^3 (120.9 M posts and rails)

PRODUCTS:

Treated fence posts: 2 - 3" - 13%

3 - 4" - 26%

5 - 7" - 48%

6',7' and 8' lengths

16' rails

- 13%

PRESERVATIVES USED:

Pentachlorophenol, creosote and diesel fuel mix

SPECIES UTILIZED:

wS - 80% jP - 20%

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT:

165 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1965

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Own -

3 JFMAMJJASOND

TREATING PLANT/

OFFICE/SALES: 2 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Saskatchewan - 80%

Local

- 20%

SPECIAL SERVICES:

Unit strapped

PILON, ARSENE (continued)

ENERGY SUPPLY FOR PLANT:

Diesel tractor unit

USAGE OF WOOD RESIDUES:

Bark, peelings - land fill

WOODLANDS EQUIPMENT:

1 - Treefarmer skidder 1 - Chevrolet 3-ton truck

PLANT FACILITIES/EQUIPMENT: 1 - Open treating tank

1 - Post peeler 1 - Sharpener

1 - Domer

2 - Diesel tractors

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$35,000

REGION:

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Prince Albert - Wood Preserving Division)

ADDRESS: 550 First Avenue East

Prince Albert, Saskatchewan

S6V 2A5

TELEPHONE: 953-3838 - Prince Albert

763-2687 - Plant

PLANT LOCATION: 13 km northeast of Prince Albert

OWNERS: Government of Saskatchewan, operated by

Saskatchewan Forest Products Corporation, a crown

corporation.

WOODLANDS MANAGEMENT: Dale Vizina, General Superintendent of Woodlands

PLANT MANAGEMENT: Les Davies, General Manager

Fred Hachey, Comptroller Eldon Kerbes, Plant Manager Ken Wall, Marketing Manager

PLANT CAPACITY: Treating plant - 70 m³/shift

Post peeler - 2.5 M posts/8 hr shift
Pole peeler - 8.0 M lineal ft/8 hr shift

PRODUCTION 1984-85:

35.0 M m³ (1.0 MM posts and poles 145 M lineal feet piling

4.2 MM fbm lumber)

PRODUCTS: Pressure treated fence posts 2" - 6" - 25%

6',7' and 8' lengths

Pressure treated poles and roundwood

stock - 45%

8' lengths and over

Pressure treated lumber and plywood

stock - 30%

PRESERVATIVES USED: Pentachlorophenol and diesel fuel mix

Chromated copper arsenate and water mix

SPECIES UTILIZED: jp - 75%

1P - 15%

Douglas fir

and others - 10%

WOOD SUPPLY: Purchased:

Saskatchewan - 50%

British Columbia - 25% Manitoba - 5%

Timber permit - 20%

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Prince Albert - Wood Preserving Division, continued)

AVERAGE LOG HAUL

WOODS TO PLANT:

130 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1976

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

17 JFM-MJJASOND Contract -TREATING PLANT: 38 J F M A M J J A S O N D OFFICE/SALES: 7 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Saskatchewan - 65% Eastern Canada - 19% Alberta -- 8¥ Manitoba - 8%

SPECIAL SERVICES:

Pressure treated to Canadian Standards Association specifications. Pressure treating to customers' specifications, stamped, treated wood foundation material, kiln-dried product available.

MEMBERSHIP:

Canadian Institute of Treated Wood Canadian Standards Association Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Forestry Association

TRADEMARK:

SFP

ENERGY SUPPLY FOR PLANT:

Electricity - Saskatchewan Power Corp. Natural gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

- pulpwood

Bark, peelings - energy conversion (hog fuel)

WOODLANDS EQUIPMENT:

None

PLANT FACILITIES/EQUIPMENT: 1 - Morbark pole peeler

2 - Morbark post peelers

2 - 96" x 110' pressure treating cylinders

1 - Moore dry kiln (200 M fbm/charge) 1 - 125 Michigan loader with grapple 1 - 55 Michigan loader with log fork

2 - Super 10 Pettibone loaders

l - Lumber framing line 1 - Pole framing line

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Prince Albert - Wood Preserving Division, continued)

PLANT FACILITIES/EQUIPMENT: 1 - Volvo 4500

(continued)

1 - Patrick AR10

1 - Tanquay crane

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$3,000,000

REGION:

SUMNERS WOOD PRESERVERS LTD.

ADDRESS: Box 88

Christopher Lake, Saskatchewan

S0J 0N0

TELEPHONE: 982-2122

PLANT LOCATION: Christopher Lake, Saskatchewan

OWNERS: Ronald Sumners

PLANT MANAGEMENT: Ronald Sumners

PRODUCTION 1984-85: 2.4 M m³ (120 M posts)

(estimated production, no data supplied by

company)

ESTIMATED EMPLOYMENT

(PERSON YEARS): 7.5

LIMITING FACTORS FOR

OPERATION AND EXPANSION: Wood supply

REGION: Prince Albert

VERMETTE WOOD PRESERVERS LTD.

ADDRESS:

Box 128

Spruce Home, Saskatchewan

S0J 2N0

TELEPHONE:

764-4054

PLANT LOCATION:

Spruce Home, Saskatchewan

OWNERS:

Archie and Gilbert Vermette

PLANT MANAGEMENT:

Archie and Gilbert Vermette

PLANT CAPACITY:

Treating plant - 4.5 M posts/day
Post peeler - 3.0 M posts/day

PRODUCTION 1984-85:

13.1 M m^3 (600 M posts)

PRODUCTS:

Treated fence posts

3 - 5" (6' lengths) - 75% 4 - 6" (7' and 8' lengths) - 25%

PRESERVATIVES USED:

Pentachlorophenol and diesel fuel mix

SPECIES UTILIZED:

jP (fire killed)

WOOD SUPPLY:

Timber permit - 80% Purchased - 20%

AVERAGE LOG HAUL

WOODS TO PLANT:

230 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1975

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 40 J F M A M J J A S O N D TREATING PLANT: 12 J F M A M J J A S O N D OFFICE/SALES: 1 J F M A M J J A S O N D

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Saskatchewan - 80% Alberta - 10% Manitoba - 10%

SPECIAL SERVICES:

Pressure treated fence posts, unit strapped

MEMBERHSHIP:

Canadian Federation of Independent Businesses

TRADEMARK:

VWP

VERMETTE WOOD PRESERVERS LTD. (continued)

USAGE OF WOOD RESIDUES:

Bark, peelings: given away - 75%

used for fill - 25%

WOODLANDS EQUIPMENT:

None

PLANT FACILITIES/EQUIPMENT: 2 - Post peelers

2 - Post peelers2 - Sharpeners1 - Pole peeler

1 - 84" x 50' pressure treating tank

1 - 14W Case loader

1 - 510 International payloader

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST

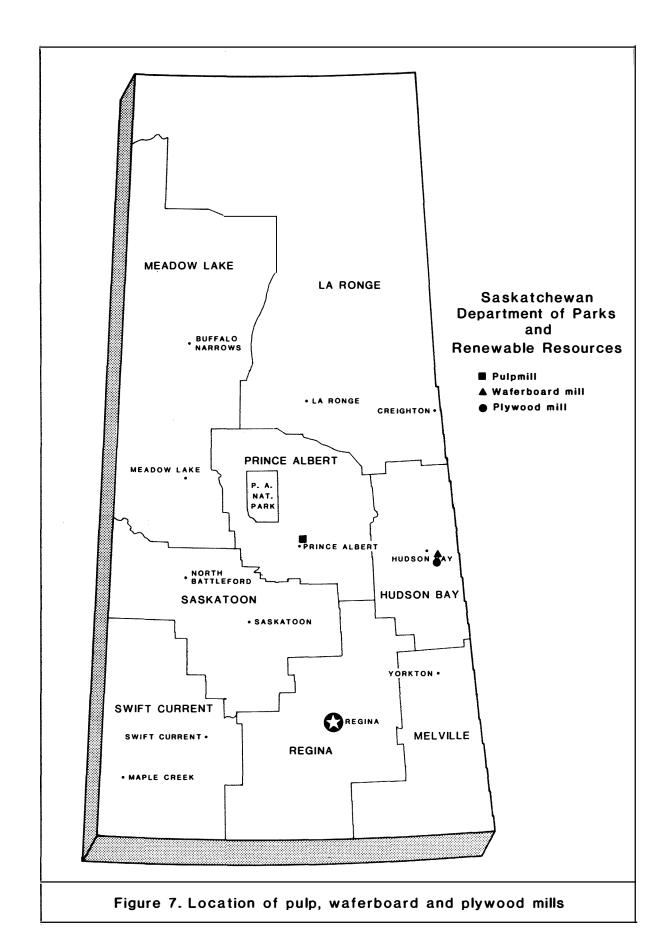
OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$100,000

REGION:

PULP, WAFERBOARD AND PLYWOOD MILLS



MACMILLAN BLOEDEL INDUSTRIES LTD.

ADDRESS:

Box 460

Hudson Bay, Saskatchewan

S0E 0Y0

TELEPHONE:

865-2212

TELEX:

076-6238

MILL LOCATION:

Hudson Bay, Saskatchewan

OWNERS:

MacMillan Bloedel Ltd. 1075 West Georgia Street

Vancouver, B.C.

V6E 3R9

MILL MANAGEMENT:

John Didula, Resident Manager Ron Smith, Production Manager

Robert Brooks, Manager Woodlands Operation

MILL CAPACITY:

1.2 MM ft^2 (1/16" basis)/8 hr shift

PRODUCTION 1984-85:

1050 MM ft 2 (1/16" basis)

PRODUCTS:

Waferboard: 1/4" - 25%
5/16" - 5%
3/8" - 5%
7/16" - 50%
1/2" - 2%
5/8" - 10%
3/4" - 3%

Sheathing panels

PRODUCTS BY GRADE:

lst grade - 92% Shop grade - 7% D grade - 1%

SPECIES UTILIZED:

tA - 86% bPo - 14%

WOOD SUPPLY:

Forest management license agreement - 97%
Purchased - 3%

AVERAGE LOG HAUL

WOODS TO MILL:

65 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1959

MACMILLAN BLOEDEL INDUSTRIES LTD. (continued)

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract - 60 J F M - - J J A S O N D Own - 5 J F M A M J J A S O N D MILL: 147 J F M A M J J A S O N D OFFICE/SALES: 9 J F M A M J J A S O N D

Mill runs 2 12-hr shifts/day, 7 days/week

TRANSPORTATION:

INPUTS: Truck

PRODUCTS: Rail - 60% Truck - 40%

MARKETS:

Eastern USA - 25%
Midwestern USA - 25%
Eastern Canada - 20%
Manitoba - 15%
Saskatchewan - 10%
Alberta - 5%

SPECIAL SERVICES:

Tongue and groove, end coated, cuts to customers' specifications, unit strapped; graded to Canadian Standards Association specifications

MEMBERSHIPS:

The Waferboard Association Canadian Institute of Forestry Forintek Canada Corp.

TRADEMARK:

Aspenite

ENERGY SUPPLY FOR MILL:

Steam - self generated

Electricity - Saskatchewan Power Corp. Natural gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES:

Chips sawdust, bark - hog fuel - 40% own use - 60% other

WOODLANDS EQUIPMENT:

1 - Tanquay loader

2 - 950 Caterpillar loaders

2 - 966 Caterpillar loaders with grapples

1 - Wobco grader
1 - Case backhoe

MILL FACILITIES/EQUIPMENT:

2 - Manitowoc debarkers

2 - Waferizers4 - Heil dryers

1 - Dominion Bridge, 14 open hydraulic press

1 - Washington Iron Works, 18 open hydraulic press

1 - Trim saw assembly
1 - Kimwood sander

MACMILLAN BLOEDEL INDUSTRIES LTD. (continued)

MILL FACILITIES/EQUIPMENT: 1 - Babcock and Wilcox 550 H.P. boiler

(continued)

2 - Saskatoon 100 H.P. boilers

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Distance from market, market fluctuations

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND MOBILE EQUIPMENT:

\$50,000,000

REGION:

Hudson Bay

PRINCE ALBERT PULP COMPANY LTD.

Box 3001 ADDRESS:

Prince Albert, Saskatchewan

S6V 5T3

764-1521 TELEPHONE:

764-1484 (woodlands)

074-29221 TELEX:

MILL LOCATION: 20 km northeast of Prince Albert, Saskatchewan

OWNERS: Saskatchewan Government

WOODLANDS MANAGEMENT: Prince Albert Pulpwood

Jim Perkins, Vice President and General Manager

Erlo Pederson, Assistant Manager Rod Sexsmith, General Superintendent Maurice Hallé, Woodlands Manager Hubert Houle, Office Manager Steve Smith, Chief Forester

MILL MANAGEMENT: Marcel Goulard, Vice-President and Mill Manager

Ken Stewart, Secretary-Treasurer

Michael Haner, Operations Superintendent Michael Zaitsoff, Pulping Superintendent Ron Watt, Maintenance Superintendent Wade Blasser, Engineering Superintendent

Alan Twa, Technical Superintendent

Stirling Hopkins, Steam and Recovery Superintendent Terry Schenk, Purchasing and Traffic Superintendent

MILL CAPACITY: 840 metric tonnes pulp/day

PRODUCTION 1984-85: 264.4 M air dry metric tonnes

PRODUCTS: Bleached kraft softwood pulp - 87%

Bleached kraft hardwood pulp - 13%

ws - 60% SPECIES UTILIZED:

jp - 40%

WOOD SUPPLY: Forest management license agreement - 57%

> Purchased roundwood - 22% Purchased chips - 21%

AVERAGE LOG HAUL

WOODS TO MILL: 135 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT: 1968

PRINCE ALBERT PULP COMPANY LTD.

(continued) AVERAGE EMPLOYMENT MONTHS OF OPERATION: WOODLANDS: Contract - 50 J F M A M J J A S O N D 240 JFMAMJJASOND PULPMILL: 423 J F M A M J J A S O N D OFFICE/SALES: 60 J F M A M J J A S O N D TRANSPORTATION: INPUTS: - 90% Truck Rail (CNR, CPR) - 10% PRODUCTS: Rail (CNR, CPR) - 67% Rail/ship - 33% Midwest USA MARKETS: - 33% Pacific Rim - 21% Eastern Canada - 17% Europe - 11% - 6% Eastern USA - 5% Western USA Manitoba - 4% Southeastern USA - 3% SPECIAL SERVICES: Custom production of pulp to customers' specifications, packaged and unit strapped Canadian Pulp and Paper Association MEMBERSHIPS: Canadian Institute of Forestry Central Forest Products Association Saskatchewan Forestry Association TRADEMARK: Arctic ENERGY SUPPLY FOR MILL: Electricity, self generated Saskatchewan Power Corp. - 25% Natural gas Saskatchewan Power Corp. USAGE OF WOOD RESIDUES: Bark, energy conversion (hog fuel) - 95% No use, piled WOODLANDS EQUIPMENT: 2 - 662 Clark skidders 43 - 664 Clark skidders 1 - 666 Clark skidder 5 - 667 Clark grapple skidders 2 - 668 Clark grapple skidders 7 - 3964 International feller bunchers 1 - 520 Timberjack skidder-forwarder 1 - 30 Timberjack harvester 12 - D7 Caterpillar crawlers

4 - 950 Caterpillar loaders 5 - 980 Caterpillar loaders 2 - D8 Caterpillar crawlers 3 - D60 Komatsu crawler tractors

PRINCE ALBERT PULP COMPANY LTD. (continued)

WOODLANDS EQUIPMENT: (continued)

- 2 D155 Komatsu crawler tractors
- 1 172 Hitachi excavator
- 1 200 Tanguay delimber
- 4 140 Caterpillar graders
- 3 Champion graders
- 2 14G Caterpillar grader
- 2 Lowbed trailers
- 5 Assorted highway tractor/trailers
- 2 T5-14 Terex scrapers
- 11 Chip van trailers
- 3 Pulp trailers
- 1 910 Caterpillar forklift
- 2 Mechanical tree planters
- 95 Assorted gas vehicles which include: cars, 1/2 ton trucks, 3/4 ton trucks, fuel trucks, flat deck trucks, mechanics' service trucks and passenger buses.

MILL FACILITIES/EQUIPMENT:

Wood Plant

- 1 Twin line 6-saw slasher
- 4 Manitowoc barking drums

Hog Shredding System

- 1 Conveying system
- 3 Black-Clawson, 90-inch chippers
- 8 Black-Clawson rotary chip screens

Kraft Pulping Plant

- 1 Kamyr continuous digester
- 3 Hooper rotary knotters
- 7 Cowan primary screens
- 2 Hymac secondary screens
- 1 Hymac rotary screen
- 1 Conron drum thickener
- 2 Storage tanks (125 and 150 tons)
- 1 Bauer reject refiner

Recovery Plant

- 1 Dort-Oliver recausticizer
- 1 Dort-Oliver lime mud washer
- 1 Allis Chalmers lime kiln
- 1 Peabody gas scubber
- 1 Horton-Kamyr evaporator
- 2 Babcock and Wilcox solids recovery units
- 1 Joy precipitator

Bleach Plant

- 1 3-stage rotary brown stock washer system
- 1 2-stage Kamyr diffuser washer system

PRINCE ALBERT PULP COMPANY LTD. (continued)

MILL FACILITIES/EQUIPMENT:

(continued)

Stock Preparation Plant

3 - Black-Clawson pulpers

3 - Selectifiers screens

1 - Radiclone cleaner

Production and Finishing Plant

1 - Black-Clawson fourdrinier

1 - SF Flakt pulp drier

1 - Lambs-Grays Harbor cutter layboy

2 - Dominion baling presses

3 - Wire tying machines

3 - Toledo scales

Steam Plant

 ${\tt l}$ - Babcock and Wilcox boiler - capacity steam

generated 4785 tons/day

2 - Babcock and Wilcox type FMO boilers -

capacity - steam generated

1799 tons/day each

LIMITING FACTORS FOR OPERATION AND EXPANSION:

Wood supply

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$400,000,000

REGION:

Prince Albert

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Hudson Bay - Plywood Division)

ADDRESS: 550 First Avenue East

Prince Albert, Saskatchewan

S6V 2A5

or

Box 40

Hudson Bay, Saskatchewan

SOE OYO

TELEPHONE: 953-3838 - Prince Albert

865-2201 - Hudson Bay

TELEX: 074-29121 - Prince Albert

076-6242 - Hudson Bay

PLANT LOCATION: Hudson Bay, Saskatchewan

OWNERS: Government of Saskatchewan, operated by

Saskatchewan Forest Products Corporation, a crown

corporation.

WOODLAND MANAGEMENT: Dale Vizina, General Superintendent

PLANT MANAGEMENT: Les Davies, General Manager of Woodlands

Fred Hachey, Comptroller

Eric Hedlund, Marketing Manager (Vancouver)

Frank Lissner, Plant Manager Len Pelletier, General Foreman

Allen Malfair, Maintenance Superintendent Glen Colvin, Industrial Relations Manager

PLANT CAPACITY: 180 M ft² (3/8" basis)/8 hr shift

PRODUCTION 1984-85: Plywood - 80.6 MM ft² (3/8" basis)

Wood chips - $66.0 \text{ M} \text{ m}^3$

PRODUCTS: Plywood: 5/16" - 5%

3/8" - 23% 1/2" - 27%

5/8" - 32%

3/4" - 13%

Select sheathing - 22% Standard sheathing - 66% D grade - 12%

SPECIES UTILIZED: ws - 95%

PRODUCTS BY GRADE:

tA - 5%

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Hudson Bay - Plywood Division, continued))

WOOD SUPPLY: Purchased

AVERAGE LOG HAUL

WOODS TO PLANT: 70 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT: 1973

AVERAGE EMPLOYMENT

MONTHS OF OPERATION: PLYWOOD PLANT: 149 J F M A M J J A S O N D

OFFICE/SALES: 15 J F M A M J J A S O N D

TRANSPORTATION: INPUTS: Truck

PRODUCTS: Rail - 60%

Truck - 40%

MARKETS: Eastern Canada - 75%

Saskatchewan - 16% Manitoba - 9%

SPECIAL SERVICES: Graded, stamped

MEMBERSHIPS: Western Plywood Manufacturers' Association

PLANT STAMP: WPMA #033

TRADEMARK: SaskPly

ENERGY SUPPLY FOR MILL: Electricity - Saskatchewan Power Corp.

Natural Gas - Saskatchewan Power Corp.

USAGE OF WOOD RESIDUES: Sawdust, shavings hog fuel used in heat

waste plywood exchange system

Peeler cores - studs and wood chips

WOODLANDS EQUIPMENT: None

PLANT FACILITIES/EQUIPMENT: 1 - 30" Cambio debarker

1 - Premier 8' Lathe with 42" swing

1 - Elliott Bay clipper

3 - Durand sheet stackers

2 - Prentice gas-fired dryers

3 - Conventional spreaders

1 - Lamb-Cargate glue mixer

1 - Black-Clawson veneer chipper

1 - Globe prepress

1 - Durand press loader and unloader

1 - Burrard 36 opening hot press

SASKATCHEWAN FOREST PRODUCTS CORPORATION (Hudson Bay - Plywood Division, continued))

PLANT FACILITIES/EQUIPMENT: 1 - Durand saw feed assembly

(continued) 1 - Durand tongue and groove machine

1 - Durand 5 bin grader

1 - Burner

6 - Towmotor forklifts

LIMITING FACTORS FOR

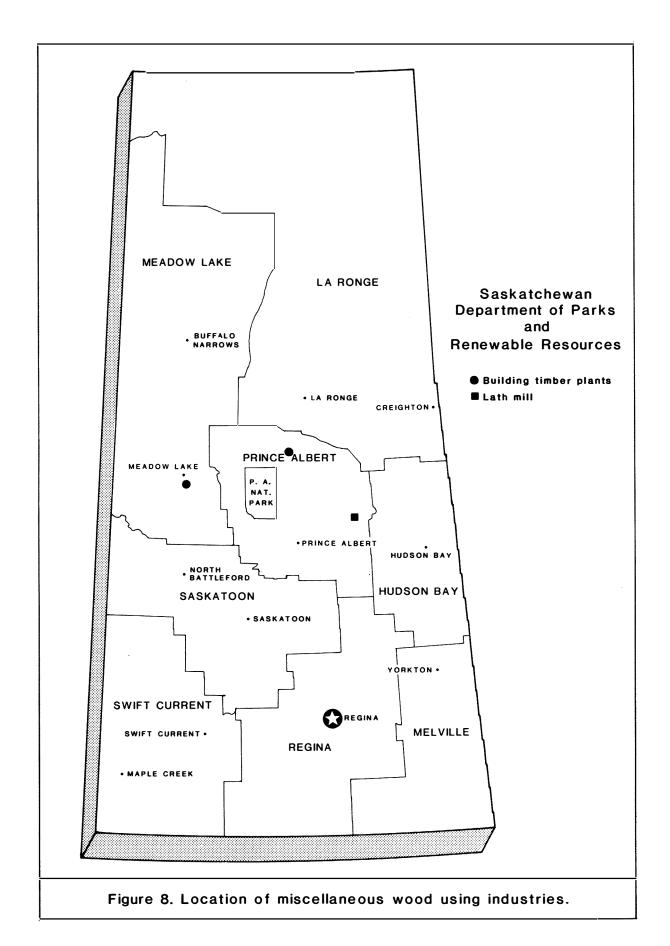
OPERATION AND EXPANSION: Wood supply, market fluctuations

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT: \$12,000,000

REGION: Hudson Bay

MISCELLANEOUS WOOD-USING INDUSTRIES BUILDING TIMBER PLANTS LATH MILL



NORTHERN FOREST OPERATIONS LTD. (Weyakwin Building Timber Plant)

ADDRESS:

550 - First Avenue East Prince Albert, Saskatchewan

S6V 2A5

or

Weyakwin, Saskatchewan

S0J 1W0

TELEPHONE:

953-3838 - Prince Albert

663-5840 - Weyakwin

MILL LOCATION:

Weyakwin, Saskatchewan

(see also Weyakwin sawmill)

OWNERS:

Government of Saskatchewan, managed by

Saskatchewan Forest Products Corporation, a crown

corporation

WOODLANDS MANAGEMENT:

Frank Beatty, Woodlands Manager

MILL MANAGEMENT:

Les Davies, General Manager Fred Hachey, Comptroller Frank Beatty, Mill Manager

Blakey Byers, Mill Superintendent

MILL CAPACITY:

1.5 M lineal feet/8 hr shift

PRODUCTION 1984-85:

 495 m^3

PRODUCTS:

Chisum house logs

SPECIES UTILIZED:

tΑ

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT:

60 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT:

1981

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

Contract -

5 -----ASO--

TIMBER PLANT:

3 -----SOND

TRANSPORTATION:

INPUTS:

Truck

PRODUCTS:

Truck

MARKETS:

Saskatchewan

NORTHERN FOREST OPERATIONS LTD. (Weyakwin Building Timber Plant, continued)

SPECIAL SERVICES:

Log homes designed and manufactured to customers'

specifications

MEMBERSHIP:

Central Forest Products Association

Forintek Canada Corp.

Saskatchewan Forestry Association

TRADEMARK:

Mistic (Log) Homes

USAGE OF WOOD RESIDUES:

No use, burned

FACILITIES:

Chisum log mill #13

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Wood supply and quality

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$300,000

REGION:

Prince Albert

UNCLE TOM LOG INDUSTRIES LTD.

ADDRESS: Box 807

Meadow Lake, Saskatchewan

SOM 1B0

TELEPHONE: 236-5524

MILL LOCATION: Meadow Lake, Saskatchewan

MILL MANAGEMENT: Marvin Moffat, President

John Christensen, Secretary

MILL CAPACITY: 600 linear ft/day

PRODUCTION 1984: 550 m³

PRODUCTS: Precut log homes

SPECIES UTILIZED: tA - 95%

wS - 5%

WOOD SUPPLY: Purchased - 80%

Timber permit - 20%

AVERAGE LOG HAUL

WOODS TO MILL: 68 km

YEAR MILL WAS CONSTRUCTED

OR REBUILT: 1981

AVERAGE EMPLOYMENT

MONTHS OF OPERATION: WOODLANDS: 2 - - A M - - - - -

LOG PLANT: 3 --- A M J J A S ---

OFFICE/SALES: 2 - - - A M J J A S - - -

TRANSPORTATION: INPUTS: Truck

PRODUCTS: Truck

MARKETS: Local - 40%
Saskatchewan - 40%

Saskatchewan - 40% Alberta - 20%

SPECIAL SERVICES: Complete home packages

Custom designed homes, pillars and decks

On-site construction and supervision

TRADE NAME: UNCLE TOM

USAGE OF WOOD RESIDUES: Bark, shavings and chips - cattle bedding

FACILITIES: 1 - Log lathe mill

1 - Michigan loader

1 - Cherry picker loader

UNCLE TOM LOG INDUSTRIES LTD. (continued)

LIMITING FACTORS FOR OPERATION AND EXPANSION:

Market development

ESTIMATED REPLACEMENT COST OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$30,000

REGION:

Meadow Lake

NORTHERN LATH MILLS CO.

ADDRESS:

Box 64

Love, Saskatchewan

S0J 1P0

TELEPHONE:

276-2082

MILL LOCATION:

Love, Saskatchewan

OWNER:

Don Funk

MILL MANAGEMENT:

Margaret and Don Funk

MILL CAPACITY:

200 bundles/8 hr shift

PRODUCTION 1984:

45 M fbm

PRODUCTS:

Lath

SPECIES UTILIZED:

jΡ

WOOD SUPPLY:

Timber permit

AVERAGE LOG HAUL

WOODS TO PLANT:

50 km

YEAR PLANT WAS CONSTRUCTED

OR REBUILT:

1975

AVERAGE EMPLOYMENT

MONTHS OF OPERATION:

WOODLANDS:

2 ---- M -----

MILL:

3 ----J----

TRANSPORTATION:

Truck

MARKETS:

Saskatchewan - 90% Local - 10%

USAGE OF WOOD RESIDUES:

no use, burned

WOODLANDS EQUIPMENT:

1 - John Deere 440 skidder

1 - Massey 356 loader

MILL FACILITIES/EQUIPMENT:

1 - Portable sawmill with 48" circular headsaw

1 - Gang edger

1 - Lath mill

LIMITING FACTORS FOR

OPERATION AND EXPANSION:

Markets

ESTIMATED REPLACEMENT COST

OF BUILDINGS, FIXED AND

MOBILE EQUIPMENT:

\$32,000

REGION:

Prince Albert

APPENDIX I

WOOD INDUSTRY ASSOCIATIONS

American Wood-Preservers' Association (AWPA) P.O. Box 849 Stevensville, Maryland 21666

Telephone: (301) 643-4163

Canadian Federation of Independent Business 15 Coldwater Road Don Mills, Ontario M3B 3J1

Telephone: (416) 445-9214

Canadian Forestry Association 185 Somerset Street W., Suite 203 Ottawa, Ontario K2P 0J2

Telephone: (613) 232-1815

Canadian Institute of Forestry Room 815 151 Slater Street Ottawa, Ontario K1P 5H3

Telephone: (613) 234-2242

Canadian Institute of Treated Wood 75 Albert Street, Suite 506 Ottawa, Ontario KlP 5E7

Telephone: (613) 234-9456

Canadian Lumbermen's Association 27 Goulburn Avenue Ottawa, Ontario KlN 8C7

Telephone: (613) 233-6205

Canadian Pulp and Paper Association Sun Life Building 1155 Metcalfe Street, Suite 2300 Montreal, Quebec H3B 2X9

Telephone: (514) 866-6621

Canadian Standards Association (CSA) 178 Rexdale Boulevard Rexdale, Ontario M9W 1R3

Telephone: (416) 744-4000

Canadian Wood Council 85 Albert Street Ottawa, Ontario K1P 6A4

Telephone: (613) 235-7221

Canadian Wood Pallet and Container Association P.O. Box 640 Pickering, Ontario L1V 3T3

Telephone: (416) 831-3477

Central Forest Products Association, Inc. (CFPA) Box 1169 Hudson Bay, Saskatchewan SOE 0Y0

Telephone: (306) 865-2595

Forintek Canada Corp. Western Region 6620 N.W. Marine Drive Vancouver, B.C. V6T 1X2

Telephone: (604) 224-3221

Laminated Timber Institute of Canada c/o Western Archrib Structures
Box 5648
Edmonton, Alberta
T6C 4G1

Telephone: (403) 465-9771

Saskatchewan Council of Independent Forest Industries c/o Jack Bell 1632 La Ronge Avenue La Ronge, Saskatchewan

Telephone: (306) 425-4177

Saskatchewan Forestry Association P.O. Box 400 Prince Albert, Saskatchewan S6V 5R8

Telephone: (306) 763-2189

The Waferboard Association 75 The Donway West, Suite 400 Don Mills, Ontario M3C 2E9

Telephone: (416) 445-3263

Western Plywood Manufacturers' Association P.O. Box 4370 4828 89th Street Edmonton, Alberta T6E 1N9

Telephone: (403) 468-3311

APPENDIX II

SELECTED METRIC (SI) UNITS AND CONVERSION FACTORS FOR TIMBER PRODUCTS*

<u>Imperial</u>	Metric (SI)
1 inch	2.54 cm
l foot	0.3048 m
l yard	0.9144 m
l chain (66 ft)	20.1168 m
l mile	1.6093 km
l square inch (in ²)	6.452 cm ²
l square foot (ft ²)	929.0304 cm ²
l square mile	2.590 km ²
l gallon	4.546 1
1 ton (2000 lb)	0.9072 t
l bone dry unit (2400 lb)(BDU)	1090 kg
l cubic foot (ft ³)	0.0283 m ³
1 acre	0.4047 ha
l cubic foot/acre	$0.0701 \text{ m}^3/\text{ha}$
l cord (85 ft ³ solid wood)	2.407 m ³
l cord (128 ft ³ stacked wood)	3.6246 m ³
l cord (stacked/acre)	$8.9560 \text{ m}^3 \text{ (stacked/ha)}$
l cunit (100 ft ³ solid wood)	2.8317 m ³
1 ft 2 of sheet product (1/16" basis)	0.147 m^2 (1 mm basis)

^{*}Sources: Bowen, M.G. 1974. Selected metric (SI) units and conversion factors for Canadian forestry. Can. For. Serv., For. Mgt. Instit., Ottawa, Ontario. 2p.

Canadian Standards Association. 1976. Canadian metric practice guide. Rexdale, Ontario, CAN3-Z234.1-76. 48p.

APPENDIX II/Contd.

SELECTED CONVERSION FACTORS FOR TIMBER PRODUCTS*

Conversion factors listed below have been used in this directory to determine roundwood volumes.

Timber product	imber product <u>Equivalent value</u>	
Fence posts: (per piece)		
6' x 3 1/2" top diam.	0.4ft^3	$0.01 m^3$
	0.4 ft ³	
6' x 4 1/2" top diam.		$0.02 m^3$
6' x 5 1/2" top diam.	1.0 ft ³	0.03 m ³
7' x 3 1/2" top diam.	0.5 ft ³	0.01 m ³
7' x 4 1/2" top diam.	0.8 ft ³	$0.02 m^3$
7' x 5 $1/2$ " top diam.	1.2 ft ³	0.03 m ³
8' x 5 1/2" top diam.	1.3 ft ³	.004 m ³
8' x 6 1/2" top diam.	1.8 ft ³	0.05 m ³
	2.4 ft ³	0.03 m ³
8' x 7 1/2" top diam.		
8' x 8 1/2" top diam.	3.2 ft ³	$0.09 m^3$
1000 fbm lumber (1 M fbm)	$4.67~\mathrm{m}^3$ (solid	wood content)
Lath		
1 bundle (50 pieces)	9 fbm	
Railway ties		
Grade #1 (7" x 9" x 8')	42 fbm per tie	
Grades $#2$, $#3$ (6" x 8" x 8')	32 fbm per tie	

^{*}Ondro $\underline{\text{et}}$ al. 1981. A directory of primary wood-using industries in Saskatchewan, 1980. Information report NOR-X-232, April 1981. 233p.

APPENDIX III

SELECTED CONVERSION FACTORS FOR TIMBER PRODUCTS

These conversions have been adopted by Saskatchewan Parks and Renewable Resources for forest product calculations.

Product to Metric

<pre>1 cord (85ft³ solid wood) 1 M fbm (lumber) 1 lineal foot</pre>	=	2.407 m ³ 4.8139 m ³ (solid wood) 0.0189 m ³ (solid wood)
<pre>1 fence post (0-6 feet) 1 fence post (7 feet) 1 fence post (8 - 18 feet) 1 pole (20 - 50 feet) 1 rail 1 railway tie</pre>	= = = =	0.013 m ³ 0.0238 m ³ 0.0417 m ³ 0.6017 m ³ 0.0283 m ³ 0.1416 m ³
l cord	=	0.9271 oven dry tonnes (chips)

Metric to Forest Product

1 m ³ 1 m ³ 1 m ³	<pre>= 0.415467 cords = 207.7335 fbm (lumber) = 52.97204 lineal feet of any product</pre>
1 m ³	= 77.0 fence posts (0 - 6 feet)
$1 m^3$	= 42.0 fence posts (7 feet)
1 m^3	= 24.0 fence posts (8 - 18 feet)
1 m^3	= 1.6619 poles (20 - 50 feet)
1 m ³	= 35.3147 rails
1 m^3	= 7.0629 railway ties