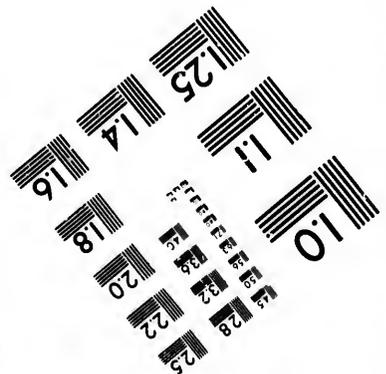
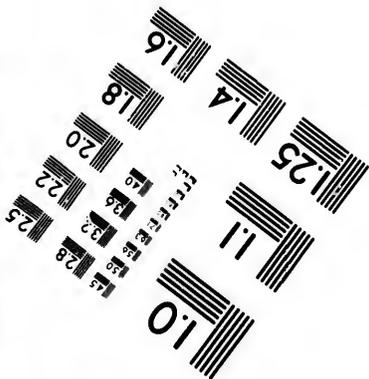
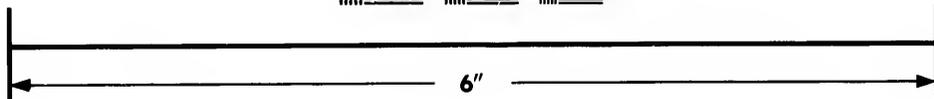
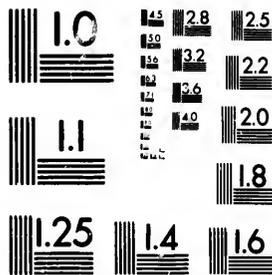


**IMAGE EVALUATION  
TEST TARGET (MT-3)**



**Photographic  
Sciences  
Corporation**

23 WEST MAIN STREET  
WEBSTER, N.Y. 14580  
(716) 872-4503

15 28 25  
32 22  
20  
8

**CIHM/ICMH  
Microfiche  
Series.**

**CIHM/ICMH  
Collection de  
microfiches.**



Canadian Institute for Historical Microreproductions / Institut canadien de microreproductions historiques

10

**© 1981**

Technical and Bibliographic Notes/Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- Coloured covers/  
Couverture de couleur
- Covers damaged/  
Couverture endommagée
- Covers restored and/or laminated/  
Couverture restaurée et/ou pelliculée
- Cover title missing/  
Le titre de couverture manque
- Coloured maps/  
Cartes géographiques en couleur
- Coloured ink (i.e. other than blue or black)/  
Encre de couleur (i.e. autre que bleue ou noire)
- Coloured plates and/or illustrations/  
Planches et/ou illustrations en couleur
- Bound with other material/  
Relié avec d'autres documents
- Tight binding may cause shadows or distortion  
along interior margin/  
La reliure serrée peut causer de l'ombre ou de la  
distortion le long de la marge intérieure
- Blank leaves added during restoration may  
appear within the text. Whenever possible, these  
have been omitted from filming/  
Il se peut que certaines pages blanches ajoutées  
lors d'une restauration apparaissent dans le texte,  
mais, lorsque cela était possible, ces pages n'ont  
pas été filmées.
- Additional comments:/  
Commentaires supplémentaires:

- Coloured pages/  
Pages de couleur
- Pages damaged/  
Pages endommagées
- Pages restored and/or laminated/  
Pages restaurées et/ou pelliculées
- Pages discoloured, stained or foxed/  
Pages décolorées, tachetées ou piquées
- Pages detached/  
Pages détachées
- Showthrough/  
Transparence
- Quality of print varies/  
Qualité inégale de l'impression
- Includes supplementary material/  
Comprend du matériel supplémentaire
- Only edition available/  
Seule édition disponible
- Pages wholly or partially obscured by errata  
slips, tissues, etc., have been refilmed to  
ensure the best possible image/  
Les pages totalement ou partiellement  
obscurcies par un feuillet d'errata, une pelure,  
etc., ont été filmées à nouveau de façon à  
obtenir la meilleure image possible.

This item is filmed at the reduction ratio checked below/  
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	12X	14X	16X	18X	20X	22X	24X	26X	28X	30X	32X
					✓						

The copy filmed here has been reproduced thanks to the generosity of:

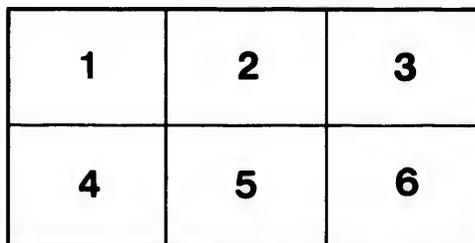
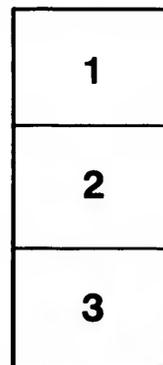
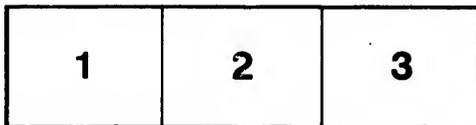
Library of the Public  
Archives of Canada

The images appearing here are the best quality possible considering the condition and legibility of the original copy and in keeping with the filming contract specifications.

Original copies in printed paper covers are filmed beginning with the front cover and ending on the last page with a printed or illustrated impression, or the back cover when appropriate. All other original copies are filmed beginning on the first page with a printed or illustrated impression, and ending on the last page with a printed or illustrated impression.

The last recorded frame on each microfiche shall contain the symbol  $\rightarrow$  (meaning "CONTINUED"), or the symbol  $\nabla$  (meaning "END"), whichever applies.

Maps, plates, charts, etc., may be filmed at different reduction ratios. Those too large to be entirely included in one exposure are filmed beginning in the upper left hand corner, left to right and top to bottom, as many frames as required. The following diagrams illustrate the method:



L'exemplaire filmé fut reproduit grâce à la générosité de:

La bibliothèque des Archives  
publiques du Canada

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la dernière image de chaque microfiche, selon le cas: le symbole  $\rightarrow$  signifie "A SUIVRE", le symbole  $\nabla$  signifie "FIN".

Les cartes, planches, tableaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.

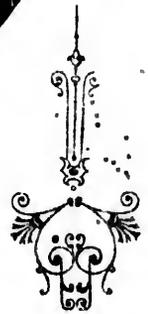
18

THE

**1886.**



**THE CANADIAN PACIFIC RAILWAY.**  
**MANITOBA.**  
**THE CANADIAN NORTH-WEST.**



**WHAT**

**THE**

**ACTUAL SETTLERS**

**SAY.**

See amended  
Land Regulations  
at page 2.

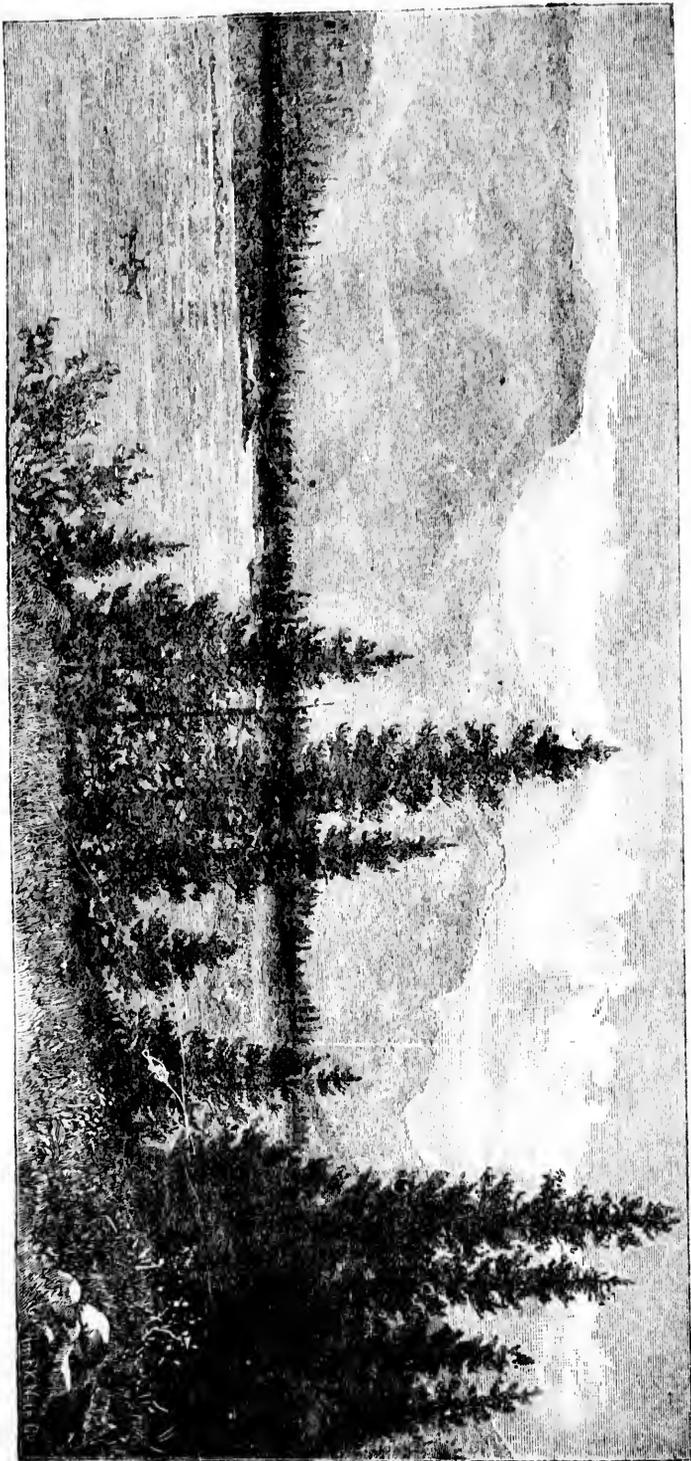
---

On Arrival at Winnipeg, apply to the  
Company's Land Commissioner Mr. JOHN  
H. McTAVISH, for information in regard  
to Lands and the best places for Settlement.

---

Payments  
**SPREAD OVER TEN YEARS,**  
and no cultivation condi-  
tions imposed.

the  
T



APPROACHING THE ROCKY MOUNTAINS, LOW RIVER.

Capi  
Nam  
Infor  
How  
Liber  
The C  
The F  
Summ  
Winte  
The S  
Fuel a  
Grain  
Roots a  
The Us  
Stock  
Sheep  
Horses  
Raising  
Fruits  
Hops ..  
Flax an  
Sport in  
Market  
Success  
Class of  
Farm L  
Church  
Schools  
Municip  
at W

## CONTENTS

	PAGES.
Capital at commencement and value at present.....	5 to 8
Names and addresses of Settlers giving testimony.....	9 to 10
Information for Guidance of Intending Settlers.....	10 to 11
How to obtain Government Lands.....	11 to 12
Liberality of Canadian Land Regulations.....	12
The Climate.....	12 to 16
The Farming Seasons.....	16 to 17
Summer Frosts.....	17 to 20
Winter and Summer Storms.....	21 to 22
The Soil.....	23 to 25
Fuel and Water.....	26 to 28
Grain crops.....	29 to 31
Roots and Vegetables.....	13 to 35
The Use of Manure.....	35
Stock Raising and Hay Supply.....	35 to 39
Sheep Raising.....	39 to 41
Horses, Pigs and Poultry.....	41
Raising of Bees.....	42
Fruits.....	42
Tobacco.....	42 to 43
Flax and Hemp.....	43
Sport in the North-West.....	43
Markets.....	45
Success of Settlers.....	46 to 50
Class of Settlers now in the North-West.....	50
Farm Labour.....	50
Churches.....	51
Schools.....	51
Municipal Government.....	51
Best Words of Settlers.....	51 to 54

D

E

G

THE  
**Canadian Pacific Railway Company**

HAVE BEEN AWARDED THE



**DIPLOME D'HONNEUR**

FOR THEIR EXHIBIT OF A

**MANITOBA FARM;**

ALSO THE GOLD MEDAL FOR SPECIMENS OF WHEAT

—AND THE—

**GENERAL AGRICULTURAL EXHIBIT**

—AT THE—

**ANTWERP EXHIBITION**

**IN 1885.**

U

INTE

U  
can o

from  
induc

# IMPORTANT ANNOUNCEMENT.

Under the Land Regulations now in force (see next page) payments for land are

## **SPREAD OVER TEN YEARS**

instead of five as heretofore, *without conditions requiring cultivation.*

**INTEREST PAYABLE AT THE END OF EACH YEAR, AND NOT IN ADVANCE  
AS FORMERLY.**

Under these Regulations, and considering that each settler, or son of a settler  
can obtain

## **160 ACRES FREE**

from the Government, it is believed that no country in the world offers such favorable inducements to those desirous of taking up lands for settlement.

# REGULATIONS FOR THE SALE OF LAND.

The lands within the Railway belt, extending 24 miles from each side of the main line, will be disposed of at prices ranging from

**\$2.50 PER ACRE**

upwards, according to location and quality, without any conditions requiring cultivation.

*These Regulations are substituted for and cancel those hitherto in force.*

## TERMS OF PAYMENT.

If paid for in full at time of purchase, a Deed of Conveyance of the land will be given; but the purchaser may pay **one-tenth in cash**, and the balance in

## NINE ANNUAL INSTALMENTS,

with interest at six per cent per annum, payable at the end of each year. Payments may be made in Land Grant Bonds, which will be accepted at ten per cent. premium on their par value and accrued interest. These bonds can be obtained on application at the Bank of Montreal, Montreal, or at any of its agencies in Canada or the United States.

## GENERAL CONDITIONS.

All sales are subject to the following general conditions :

1. All improvements placed upon land purchased to be maintained thereon until final payment has been made
2. All taxes and assessments lawfully imposed upon the land or improvements to be paid by the purchaser
3. The Company reserves from sale, under these regulations, all mineral and coal lands; and lands containing timber in quantities, stone, slate and marble quarries, lands with water power thereon, and tracts for town sites and railway purposes
4. Mineral, coal and timber lands and quarries, and lands controlling water power, will be disposed of on very moderate terms to persons giving satisfactory evidence of their intention and ability to utilize the same.
4. The Company reserves the right to take without remuneration (except for the value of buildings and improvements on the required portion of the land) a strip or strips of land 200 feet wide, to be used for right of way, or other railway purposes, wherever the line of the Canadian Pacific Railway, or any branch thereof, is or shall be located.

Liberal rates for settlers and their effects will be granted by the Company over its Railway.

For further particulars, apply to the Company's Land Commissioner,  
**JOHN H. McTAVISH, Winnipeg.**

Montreal, January, 1886.

## NOTE.—SOUTHERN MANITOBA.

The Manitoba and South Western Railway (leased by the Canadian Pacific) has now been extended from Maniton to the neighbourhood of Whitewater Lake (see map), and applications for lands along this line will now be received. These are among the choicest lands in the Province, and will be sold on very reasonable terms to actual settlers.

Apply to **Mr. McTAVISH** for prices and conditions.

AND.

ne, will be

n; but the

made in Land  
ed interest.  
its agencies

nal payment

paid by the

; and lands  
hereon, and

be disposed  
y to utilize

of buildings  
to be used for  
any branch

issioner,

n extended  
along this  
old on very

conditions.

# WHAT SETTLERS SAY

OF THE

## CANADIAN NORTH-WEST

### A PLAIN STATEMENT OF THE EXPERIENCES OF FARMERS RESIDENT IN THE COUNTRY.

EMBODIED in the following pages are plain facts from farmers in the Canadian North-West on many points of interest to intending settlers. It should be stated that circular letters asking for information were sent out to all farmers in the country whose addresses could be procured. The replies received were so numerous as to make it quite impossible to embody them all in one pamphlet. Those given in the following pages relate chiefly to the main questions present, in the first instance, to the mind of an intending settler.

The full address of each settler is given in the first instance only. It is, of course, competent for any reader, by writing to the address given in each case, to verify the accuracy of the answer now published. Questions were asked as follows:—

When did you first settle in the North-West?

How much capital did you commence with?

What do you consider the present value of your farm?

These questions elicited the following answers from actual settlers:—

Name.	Postal Address.	When Settled	Capital at Commencement.	Value of Farm.
Proctor, Henry....	Woodlands, Manitoba....	1873	Nothing.....	\$12,000
Young, John M. L.	Moosomin, P. O. Asa....	1881	I was in debt \$10.....	\$1,600
Currie, William....	Chater, Man.....	1880	Had no money to begin with, but made about \$2,000 the first two years with warehouse on river.....	About \$10,000 to \$12,000.
Cameron, G. A....	Indian Head, N. W. T....	1882	Carpenter's trade was all the capital I had	\$2,000 to \$2,500
Dickson, J. W....	Arnaud, P. O., Man....	1882	None, but what it cost to build, and all of that I made by working out.....	\$2,500
Wagner, W. (M. P. P.).....	Ossowa, Man.....	1871	None.....	I was offered \$20 per acre and refused...
Mercer, James....	Black Ox Farm, Grenfell, N. W. T.....	1872	None; I had to be an agricultural laborer at first.....	\$900
Bole, J.....	Regina, N. W. T.....	1883	Not any.....	\$2,000
Little, James....	Manitoba.....	1879	I had a team of horses, waggon, plough and harrow.....	I have 320 acres, which is worth \$7,000; town property \$1,000

Name.	Postal Address.	When Settled	Capital at commencement.	Value of Farm.
Field, Edward....	Shell River, Man.....	1867	None.....	\$2,000
Leitch, Angus....	Griswold, Man.....	1881	None.....	\$3,000
Walker, J. C.....	Glandale P. O. Man....	1877	None whatever.....	\$2,000
Vandervoort, G....	Alexandria.....	1876	No capital at all. Upon entering on my homestead I had not one dollar left.....	\$3,000
Smart, George....	Holland, P. O.....	1879	Nothing.....	\$2,000
Kenny, David W	Wolf Creek, Sec. 31, T 15, R. 10, Assa.....	1883	What paid the passage for my family and freight.....	\$1,000
Morton, Thos. L..	Gladstone, Man.....	1873	Nil.....	\$3,500.
Rawson, James....	Mountain City, Sec. 16, T 2, R. 6, W. Man....	1877	Not any.....	Say about \$5,000...
Chambers, S.....	Wattsvlew, P. O., Man.	1879	No cash capital. Had one year's provisions, one yoke of oxen, cow and some implements.....	\$8,000
Agnew, James....	Brandon, Man.....	1882	I was a poor man, and had but little capital.....	\$1,000
Bruce, George....	Gladstone P. O. Man...	1879	Not 5 cents.....	I cannot say, I have only 80 acres.
Perley, W. D.....	Wolseley, N. W. T.....	1883	Not much.....	Situate within two miles of Wolseley it ought to be worth \$3.25 an acre
McGill, George....	Carrolton P. O. Man....	1882	Very little after landing in this country..	As farm property does not change hands, can make no estimate.....
Harward, Fred....	Littleton, Man.....	1881	I had \$2.50 when I landed at Emerson...	\$2,500
Rorison, W. D....	Oberon P. O. Man.....	1877	\$5.....	\$11,000
Davis, John B....	McLean, Assa, N. W. T.	1882	\$15.....	\$5,000
Troyer, Christian..	Sec. 22, T. 3, R. 2, W. 2, Alameda, N. W. T. in Southern Manitoba 1879.....	1882	I borrowed \$40 to come here with.....	My wife says \$10,000
Pollock, John....	Wolf Creek, Assa, N. W. T.....	April, 1884	\$100.....	About \$1,500; if I were selling it would be \$2,000
Little, J.....	Neepawa, Man.....	1869	\$100 cash, I yoke of oxen, two cows and a good stock of clothing.....	\$8,000
Wilson, James....	Stodderville, Mar.....	1877	\$150.....	\$6,000
McGregor, L.....	Griswold, Man.....	1882	\$240.....	\$2,500
Riddell, Robert...	Salisbury, P. O., Man...	1871	\$300.....	\$5,000
Hall, P.....	South Antles, N. W. T.	1882	\$300.....	\$2,500
Bolton, Ferris....	Calf Mountain, Man....	1877	\$380.....	\$4,000
Carter, Thomas...	Woodlands, Man.....	1879	\$400, with \$1420 to follow in 11 months. The collector absconded, and the \$1420 never came to hand.....	Have refused \$4,000 will not take less than \$5,000
Warren, R. J....	Oliver, Man.....	1878	About \$400.....	About \$1,000. I have \$1,000 in implements, and \$2,000 stock.
McCorquodale ...	Morden, Man.....	1882	About \$400.....	\$3,500
Taylor, William..	Manitoba.....	1874	About \$400.....	1,088 acres, valued at \$25 per acre
McDonald, Duncan	Baie St. Paul, Man.....	1872	\$400.....	At least \$5 an acre
Burgess, J. W....	Fleming, N. W. T.....	1882	\$400.....	\$2,000
Garratt, R.S. (J.P.)	Kenlis, N. W. T.....	1878	\$400.....	\$10 per acre

Name.	Postal Address.	When Settled	Capital at Commencement.	Value of Farm.
Lawrie, J. M.....	Birtle, Man.....	1881	\$475, with a wife and three children.....	Sold my homestead and pre-emption last Spring for \$4,150
Kines, William....	Big Plains, Osprey, Man	1882	\$5000.....	\$2,000
Cowlord, C. (J.P.)	Ossowa, Man.....	1869	\$500.....	\$4,000
Hall, W. B.....	Headingley, Man.....	1858	About \$500.....	About \$15,000
Chester, A.....	Harringtonhurst, Man.....	1882	\$500.....	\$2,000; but I would not sell it for twice that amount. \$2,000
Tate, James.....	Sec. 30, T. 2, R. 2, W. Alameda P.O., Assa...	1882	\$500.....	\$2,000
Connorson, James.	Minnewashta, Man.....	1878	\$500.....	\$10,000
McCormack, David	Sec. 22, T. 11, R. 30, Fleming P.O., Man...	1882	\$600.....	\$7 per acre (320 acres).
Kempt, John.....	Austin, Man.....	1882	\$700.....	\$3,000
Conuell, T. K....	Osprey P.O., Man.....	1878	\$700.....	\$9,000
Reesley, John G..	Moose Jaw, Assinibolia..	1883	\$800.....	\$2,000
McKittrick, Wm..	Rose Bank Farm, Crystal City P.O., Man....	1880	I brought \$500 in cash with me, but a young man will make a fair start in life with \$400, that is, if he can get a wife easily.....	I consider my farm worth \$4,000 to me.
Rogers, Thomas...	Railway View Farm, Moose Jaw, Assa.....	1883	\$1,000; increased it by another \$1,000..	\$8,800
Sheppard, Jos....	Indian Head, N.W.T....	1883	\$1,000.....	\$3,360
Farmer, W. A....	Headingley, Man.....	1869	\$1,000.....	\$16,000
Ogleiree, Francis..	Portage la Prairie, Man.	1869	About \$1,000.....	\$14,000
Eonestell, C. H...	Pheasant Plain, Kenlis P.O., Assa, N.W.T....	1883	Under \$1,000.....	\$7 per acre; I would not like to sell it for that, but I suppose I could not get more than that just now.
Anderson, George..	Grenfell, Assa, N.W.T..	1882	Under \$1,000.....	\$4,000 to \$5,000
McCaughy, J. S..	Alameda P.O., N.W.T..	1882	\$1,000.....	\$10 per acre
Heaslip, J. J.....	Alameda P.O., N.W.T..	1882	\$1,000.....	\$3,000
Day, Samuel.....	Sec. 34, T. 13, R. 30, Fleming, N.W.T.....	1882	\$1,000.....	\$6,000
Stevenson, G. B..	Brandon, Man.....	1879	About \$1,200.....	About \$10,000
Doyle, W. A. (J.P.)	Boulah, Man.....	1879	\$1,250.....	\$10,000
Wat, James.....	Brierwood, P.O., Man...	1883	\$1,500.....	\$5,500
Haney, A. W....	Wolsley, N.W.T.....	1883	\$1,500 to use in starting.....	About \$4,000
Hind, Brothers...	Pense, Assa, N.W.T....	1883	About \$2,000.....	About \$3,500
Reid, Alex.....	Of Messrs. Callender and Reid, farmers and general storekeepers, Millford, Man.....	1880	My partner and myself had \$2,000 between us.....	\$6,000, what it is assessed for.
Reid, E. J.....	Plum Creek, Man.....	1883	\$2,000.....	\$4,000
Drew, Wm. D....	Brandon, Man.....	1882	About \$2,000.....	About \$5,000
Lambert, W. M..	Regina, N.W.T.....	1882	\$2,000.....	6000. to \$4,000
Heaney, Jonathan.	Meadow Lea P.O., Man.	1880	\$2,000.....	I would not care to take \$4,000
Knight, W.G.(J.P)	Oak Lake, Man.....	1879	\$2,000.....	Assessed at \$4,000 and stock \$3,000 = \$7,000.

Name.	Postal Address.	When Settled	Capital at Commencement.	Value of Farm.
Chambers, W....	Sec. 18, T. 21, R. 26, W., Birke, Man.....	1832	\$2,500 .....	\$5,000; more when we get M. N. Western Railway.
Lawrence, Joseph..	Clearwater, P.O., Man...	1879	About \$3,000.....	All my lands are worth \$12,000 or \$15,000.
Miller, Solomon...	Alameda, P.O., Assa....	1882	\$3,000 .....	\$6,000.
Hayter, W. H....	Alameda, Assa, N.W.T.	1882	\$3,000. I have a large family.....	Do not want to sell.
Robertson, P....	Rapid City, Man.....	1882	\$4,000 .....	\$6,000 to \$7,000.
Gilbert, Josiah....	Durham Park Farm, Regina P.O., N.W.T.	1883	About \$4,000.....	It should be worth \$5,000.
McEwen, Donald.	Brandon, P.O., Man.	May, 1884	\$4,000 .....	I would not sell under \$15 per acre
Malliot, Zephirin..	Wolseley, N.W.T.....	1882	\$5,000 .....	\$32,000.
McKnight, R.(J.P)	Carman P.O., Man.....	1879	\$5,000.....	\$10,000.
Grigg, Samuel....	Sec. 7, T. 11, R. 18, W. Brandon, Man. }	1884	\$5,000 .....	\$3,000 for the one I live on.
Harris, James....	Moosomin, N.W.T.....	1882	\$5,000 .....	\$12,000 for the sec.
Armstrong, George	Dalton, Brandon Co....	1880	\$5,200 .....	\$15,000.
Elliot, Joshua....	Sourisburg, Man.....	1880	About \$6,000.....	From \$12,000 to \$15,000.
Bobier, Thomas...	Moosomin, Assiniboia, N. W. T.....	1882	My two sons and self fetched \$7,000 in cash, stock and implements.....	\$1,200, that is my half section.
McIntyre, John...	Milton Farm, near Regina, N.W.T.....	1883	\$10,000 .....	\$50,000.
Harrison, D. H....	Newdale P.O., Man.....	1881	\$30,000 .....	Have several; worth from \$10 to \$12 per acre.
Wright, Thomas & Sons.....	Thistle and Wright Farms, Qu'Appelle, Assa, N.W.T.....	1882	\$30,000 invested up to 1st September, 1881.....	\$12 improved and \$7 unimproved per acre.

Following are the names and addresses of other settlers whose testimony recurs throughout the Pamphlet:—

Name.	Address.	Name.	Address.
Anderson, George.....	Manitoba.	Bowers, John.....	Sec. 25, T. 9, R. 26, Virdeu P.O., Man.
Bailey, Zachary.....	Lothair P.O., Man.	Brown, W. J.....	Pomeroy, Man.
Bartley, Noah.....	Wattsvie P.O., Man.	Callerata and Jeffers.....	Sec. 24, T. 18, R. 24, Pense P.O., N.W.T.
Barnes, F. A.....	Morris, Man.	Davis, W. H.....	Sec. 27, Tp. 1, R. 12, Crystal City P.O., Man.
Battell, H. C.....	Moose Jaw, Sec 2, T. 17, R. 27, W. 2.	Day, John F.....	Fleming, S. 4, T. 13, R. 30.
Bedford, Jacob.....	Calf Mountain, Man.	Deyell, John.....	Souris P.O., Plum Creek.
Bell, C. J.....	Postmaster, Belleview.	Dick, David.....	Moline P.O., Man.
Black, G. R.....	Wellwood, Norfolk, Man.	Dickin, George.....	Manitoba.
Blackwell, James.....	Virdeu, Man.	Dickson, Philip.....	Chater, Man.
Blythe, R.....	Blythewood, Wapella.	Downie, John.....	Oak River P.O., Man.
Boldrick, Robert.....	Balgonie, Assa, N.W.T.	Elliott, T. D.....	Alexandria P.O., Man.
Boulding, G.....	Regina, N.W.T.		

of Farm.

more when  
get M. N.  
ern Railway.  
y lands are  
\$12,000 or  
00.  
6,000.  
want to sell.  
to \$7,000.  
ld be worth  
0.  
d not sell  
\$15 per acre  
32,000.  
0,000.  
for the ons  
on.  
for the sec.  
5,000.  
\$12,000 to  
00.  
that is my  
ection.  
0,000.

veral; worth  
\$10 to \$12  
re.  
unimproved  
unimproved  
re.

y recurs

s.

26, Virdeu

. 24, Pense

. 12, Crys-

Man.

. 13, R. 30.

n Creek.

n.

Man.

Man.

Name.	Address.	Name.	Address.
Cameron, Wm. C.	Edgeley Farm, Qu'Appelle.	McDougall, Adam G (Reeve	Virdeu P.O., Man.
Campion, Brothers	Manitoba.	of Wallace)	Burnside, Man.
Campbell, Robert	Bridge Creek P.O., Man.	McGee, Thomas	Blake, Man.
Carroll, A. H.	Carrolton P.O., Man.	McGhee, James	Broadview, Assa., N.W.T.
Champion, W. M.	Reaburn P.O., Man.	McIntosh, Archibald	Rapid City, Man.
Connell, Robert	Osprey P.O., Man.	McKellar, Duncan	Arrow River P.O., Man.
Coay, Thomas	Manitoba.	McKenzie, Donald	Burnside, Man.
Cox, William	Millford, Man.	McKenzie, Kenneth	Chairman Municipal Council,
Cox, John T.	Box 44, Rapid City, Man.	McLane, A. M.	S. Qu'Appelle, N.W.T.
Daniel, Joseph	Postmaster and Farmer, Moo-	McLean, John A.	Gladstone, Man.
Elliott, Robert W.	sonin, N.W.T.	McLennan, Thomas	Asessippi P.O., Man.
Elson, John	McLean, N.W.T.	McMurtry, Thomas	Sec. 18, T. 3, R. 2, Alameda
Fannery, W. J.	Sec. 34, T. 1, R. 11, W. Man.		P.O., N.W.T.
Fargay, John H.	McLean, N.W.T.	McRae, Roderick	Minnedosa, Man.
Finlay, James	Manitou, Man.	McTellan, John	Minnedosa, Man.
Fisher, Henry	Shoal Lake, Man.	Malcolm, Andrew	Minnedosa, Man.
Fraser John S.	Regina, N.W.T.	Middleton, Alex.	Balgonie, Assa., N.W.T.
Fraser, John	Beulah P.O., Man.	Miller, Robert S.	Hudson P.O., Man., Sec. 18,
Fraser, D. D.	Sec. 13, Tp. 12, R. 19, Bran-		don, Man.
Garratt and Ferguson	Oak River, Man.	Mitchell, John	Postmaster, Brookdale, Man.
Gibson, William	Kenlis P.O., N.W.T.	Mitchell, J.	Littleton, Man.
Gilmour, H. C.	Loungstone Farm, Wolseley,	Moore, George	Sec. 4, Tp. 17, R. 1, W.
Gordon, Leslie	N.W.T.	Mooney, John	Sec. 20, Tp. 7, R. 16, Mil-
Graham, Mark	Moose Jaw, N.W.T.		ford P.O., Man.
Crang, J.	Qu'Appelle, N.W.T.	Muirhead, Thomas	Carberry P.O., Man.
Grimmett, D. W.	Portage la Prairie, Man.	Nelson Robert	Birtle, Man.
Haddow, James	Cartwright, Man.	Newman, Charles	Ossowa, Man.
Hall, David	Sec. 23, Tp. 8, R. 28, W.	Nickell, William	Lucas, Man.
Hannah, S. (Reeve of White-	Elm Valley P.O., Man.	Nilf, J. R.	Moosomin, N.W.T.
head)	Manitoba.	Nugent, Arnold J.	Emerson, Man.
Harris, A. B.	Austin P.O., Man.	Obee, F.	Glenboro' P.O., Man.
Hartney, James H.	Griswold, Man.	Oliver, Thomas	Burnside, Man.
Hoard, Charles	Beulah P.O., Man.	Orr, James D.	Cartwright P.O., Man.
Hope, George	Souris, Man.	Osborne, Daniel	Fleming, Man.
Hornor, T. R.	Lake Francis, Man.	Parr, James E.	Crystal City, Man.
Howey, Wm.	Carberry, Man.	Parslow and Healey	Sec. 20, Tp. 19, R. 20, W.,
Hutchinson, A.	Pendenma, Man.		Regina, N.W.T.
Hume, Alex.	Warleigh P.O., Man.	Patterson, Abr	Alexandria P.O., T. 2, R. 6,
Ingram, W. A.	Craven P.O., near Regina		W. Man.
Jeffrey, William (Junnr.)	Chatal P.O., Man.	Paul, James M.	Sec. 15, Tp. 15, R. 12, W.
Johnston, James	Millford, Man.	Paynter, W. D.	Beulah P.O., Man.
Jones, James	Rapid City, Man.	Paynter, J. E.	Beulah Man.
Kennedy, Thomas	Brandon, Man.	Phillips, S.	Rapid City, Man.
King, M.	Portage la Prairie, Man.	Pierce, Stephen	Sec. 28, Tp. 12, R. 30, Fle-
Kinnear, J. H.	Stoddartville, Man.		ming Station, Man.
Lang, Robert	Belle Plain, N.W.T.	Plunckit, Robert	Manitoba.
Leepart, E. N.	Plum Creek, Man.	Pollard, Alfred	Sidney, Man.
Lothian, James	Oak Lake, Man.	Pollard, E. Sep.	Manitoba.
McAskie, James	Balgonie, Assa., N.W.T.	Pollard, H.	Sidney, Man.
McBean, Angus	Pipe Stone P.O., Man.	Powers, Charles F.	Brandon, Man.
McDiarmid, Colin	Beaver Creek P.O., Man.	Prat, John	Rounthwaite, Man.
McDonald, W. W.	Brookdale P.O., Man.	Reid, William	Sec. 13, Tp. 13, R. 20, Rapid
	Gladstone P.O., Man.		City, Man.
	Fleming, N.W.T.	Rutherford, Johnston (P. M.	
		and J. P.)	Silver Creek, Man.

Name.	Address.	Name.	Address.
Sereech, John.....	Rounthwaite, Man.	Taylor, John.....	S. 32, T. 7, R. 25, Belleview.
Shippley, Martin.....	Wavy Bank, Man.	Taylor, William.....	Beulah P.O., Man.
Shirk, J. M.....	Tp. 8, R. 18, W. of 1st Mer., Rounthwaite P.O.	Thompson, Stephen.....	P.M., Beaver Creek, Man.
Sifton, A. L.....	Brandon, Man.	Todd, P. R.....	Griswold, Man.
Sirett, Wm. F.....	Glendale P.O., Man.	Tulloch, Andrew.....	Broadview, N.W.T.
Slater, Charles B.....	E. 1/4 S. 34, Tp. 14, R. 23, W. 1, Wapella, Assa.	Upjohn, Frank.....	Lake Francis, Man.
Smith, William.....	Beaver Creek, Man.	Urton, W. S.....	Neepawa, Man.
Smith, W. P.....	Souris, Manitoba.	Warnock, Wm.....	Moosejaw, N.W.T.
Stevenson, F. W.....	Griswold, Man.	Webster, A.....	Sec. 34, Tp. 17, R. 14, 2 W., Qu'Appelle Station.
Stirton, James.....	Calf Mountain, Man.	Whitney, Charles.....	Balgonic, Assa., N.W.T.
Stowards, R. C.....	Maryville, Arrow River P.O., Man.	Wilnott, H. E.....	Douglas P.O., Man.
Speers, A. R.....	Griswold, Man.	Wood, James H.....	Birtle, Man.
		Wright, Charles.....	Beaconsfield, Man.
		Yardley, Henry.....	P.O. Oak Point, Man.

### Information for the Guidance of Intending Settlers.

On arriving at Winnipeg or any other of the principal stations along the line of the Canadian Pacific Railway, the first step should be to visit the Land Offices of the Canadian Pacific Railway, where the field notes and maps descriptive of the lands may be inspected, and the most minute details obtained as to the soil and general character of each locality. This will enable the intending settler to choose a locality in which to seek his farm. The land grant of the Canadian Pacific Railway along the main line has been divided into agencies as far west as the Rocky Mountains, within the limits of which lands belonging to the Company can be purchased from the Agents of the Company at the stations hereinafter indicated.

**BRANDON.**—Lands in main belt, ranges 21 to 23 (inclusive) west of First Meridian.

**VERDEN.**—Lands in main line belt, ranges 24 to 28 (inclusive), excepting townships 14, 15, 16 west of First Meridian.

**MOOSOMIN.**—Lands in main line belt, ranges 28 (part of) to 33 (inclusive) west of First Meridian.

**BROADVIEW.**—Lands in main line belt, ranges 1 to 7 (inclusive) west of Second Meridian.

**WOLSELEY.**—Lands in main line belt, ranges 8 to 13 (inclusive) west of Second Meridian.

**REGINA.**—Lands in main line belt, ranges 14 to 23 (inclusive) west of Second Meridian.

**MOOSEJAW.**—Lands in main line belt, range 24 west of Second Meridian to range 10 west of Third Meridian.

**SWIFT CURRENT.**—Lands in main line belt, ranges 11 to 20 west of Third Meridian to Fourth Meridian.

MAPLE CREEK.—Lands in main line belt, range 20 west of Third Meridian to Fourth Meridian.

MEDICINE HAT.—Lands in main line belt, from Fourth Meridian to range 10 west of Fourth Meridian.

CROWFOOT.—Lands in main line belt, ranges 11 to 20 west of Fourth Meridian.

CALGARY.—Lands in main line belt, range 50 west of Fourth Meridian to summit of Rocky Mountains.

The business of the Swift Current and Medicine Hat Agencies is for the present being attended to by the agent at Maple Creek, and that of Crowfoot Agency by the Agent at Calgary.

The Agents at the Land Offices have, for free distribution, maps showing the lands open for sale, and those already disposed of, plans of the town plots, and pamphlets giving descriptive notes of the lands within their agencies.

The Government have established Intelligence Offices at various points along the line, in charge of officers, who will give the fullest information regarding homestead lands. Attached to these offices are Land Guides, whose services are always available gratuitously for locating those in search of homesteads.

Settlers arriving in Winnipeg should, before going west, call at the Land Department of the Canadian Pacific Railway, the office of which is located in the station. There they can ascertain what lands are open for homesteads, and the situation of the Government Intelligence Offices.

### How to Obtain Government Lands.

The Dominion Government makes a free grant of 160 acres of agricultural land to every British subject over the age of 18 years, and also affords settlers the right to pre-empt another 160 acres; that is, the settler may take up the additional 160 acres, making a payment of from 2 to 2½ dollars (8 to 10 shillings) per acre at the end of three years of settlement. Settlers taking up Government free homesteads are required to reside on their farms for at least six months of the year during the first three years.

In the case of taking free homesteads, pre-empting or purchasing from the Government, the business will have to be transacted at the nearest of the following Dominion Land Offices :—

Agency.	Post Office.	Agent.
Winnipeg .....	Winnipeg.....	A. H. WHITCHER.
Dufferin.....	Nelson .....	W. H. HIAM.
Little Saskatchewan.....	Minnedosa.....	W. M. HILLIARD.
Birtle.....	Birtle.....	W. G. PENTLAND.
Souris.....	Brandon .....	E. C. SMITH.
Turtle Mountain.....	Deloraine .....	J. A. HAYS.
Coteau.....	Coteau.....	J. J. McHUGH.
Regina.....	Regina.....	W. H. STEVENSON.
Touchwood Hills.....	Touchwood Hills.....	J. McTAGGART.
Calgary .....	Calgary.....	J. McD. GORDON.
Edmonton.....	Edmonton.....	P. V. GAUVOREAU.
Prince Albert .....	Prince Albert.....	Geo. DECK.

## Liberality of Canadian Land Regulations.

The land regulations of the Canadian Government, combined with the advantages offered by the Canadian Pacific Railway Company, are the most liberal of any on the North American Continent. The fee for taking up a homestead in the Canadian North-West is only \$10, whereas it is \$26, and in some cases \$34 in the United States; and the taking of a homestead does not in Canada prevent the pre-emption of other government lands, or the purchase of Canadian Pacific Railway or Government lands.

## The Climate.

Following are the opinions of actual residents in regard to the climate. The questions asked were:—

About what time does winter regularly set in, and when does it end? Have you suffered any serious hardship or loss from the climate in winter? Is the climate healthy? For postal address of each settler, see pages 5, 6, 7, 8, 9 and 10.

Name.	Answer.
Dickin, George.....	1st week in November, and 1st week in April. No loss or hardship. I travelled 20 miles with ox train in the worst blizzard last winter. Climate very healthy.
Hind Brothers.....	Latter end of November, till middle of March. Climate can't be better.
Urton, W. S.....	Begins end of November. It is always very pleasant in the daytime. No loss or hardship; you need endure none if you are careful. It is most certainly the healthiest climate I have seen.
Yardley, Henry.....	About 10th November to about 20th April. Climate very healthy indeed.

Name.	Answer.
Litchison, A.....	2nd week in November to last of March or first of April. No hardship whatever. Climate very healthy indeed, probably one of the healthiest in the world.
Proctor, Henry.....	About 15th November to about 1st April. Our family (father, mother and 14 children, have been very healthy.
Knight, W. G.....	5th November to 5th April. Three years ago I was living in a small tent until the end of November, my house not being built. The thermometer registered considerably below zero at times. The climate is undoubtedly healthy, the exceeding dryness of the air in winter being very favorable to the healthy and vigorous action of the lungs.
Smith W. P.....	Begins middle of November. Climate very healthy.
Lythe, R.....	About 15th November to beginning of April. Had several slight frost bites. Climate decidedly healthy.
Field, Edward.....	About 15th November; very often later and sometimes earlier. No hardship or loss. Climate very healthy.
Lawrence, Joseph...	About 20th November to about March 20th. I never lost a dollar from the climate in winter. Climate as healthy as any under the sun.
Creech, John.....	Middle of November to 20th April. No hardship or loss; with care there is no danger. Climate very healthy.
Cameron, Wm. C....	2nd week in November to end of March. No hardship or loss whatever. Climate very healthy.
Gothian, James.....	About 2nd week in November to end of March. I have ploughed for three seasons up to the 7th November. No serious hardship or loss. I believe the climate to be very healthy.
Fibson, Wm.....	Last year 11th November to middle of March. No hardship or loss as yet. I can say the climate is very healthy, as two of my children had had bad health in Scotland, and we have all had the best of health since we came here.
Bruce, George.....	The snow generally goes away about the second week of April. I like the winter well, good steady weather, no slush and mud here. Climate healthy.
Middleton, Alex....	Frost set in 2nd week November, 1883; first heavy snow about middle of December; had fine weather after 22nd February; winter ended first week in April. Climate very healthy.
Warnock, Wm.....	For farming operations from middle of November till last of March. No hardship or loss. The climate is cold, but steady and healthy, and stock do well.
Reid, Alex.....	There is very seldom any really cold weather in November. I have always been better here than I was in Scotland in winter. Climate very healthy indeed.
Fraser, John.....	About 15th November, ends in March. Have been very comfortable. Climate very healthy; no better in the world.
Perley, W. D.....	Not much dependence on open weather after 15th November. Some people sowed in March this past season. I like the climate much; it is dry and immensely healthy.
McGill, George.....	1st November to middle of April. No hardship or loss; persons soon learn to avoid them both. Climate undoubtedly healthy; never hear a person cough in church.
Grimmett, D. W....	6th November to middle of April. No hardships or loss. Have chopped in woods in January with hat and mittens off. The climate is the best I have seen as yet.
Purdy, Thos. F.....	Last year frost came on the 7th of November, but no snow till the end. No material loss or hardship, no worse than from Belleville to Montreal and in Western Ontario. Climate very healthy; those that come here will find that out when they come to feed themselves.

advantages  
of any on the  
Canadian North-  
States; and  
other govern-  
ments.

mate. The  
Have you  
the climate

hardship. I  
r. Climate  
tter.  
No loss or  
ertainly the  
deed.

Name.	Answer.
Roger, Thos.....	Last year, 10th November to 15th March. No loss or hardship whatever. Climate very healthy indeed; can go three good square meals every time.
Downie, John.....	Ploughing stops 5th to 7th November. Winter doesn't begin till, say, from 1st to 10th December. No hardship compared with the settlers of Ontario. Climate perfectly healthy; clear, dry atmosphere.
Anderson, George...	About 15th November to generally the 1st of April. No hardship or loss. My wife and family suffered in Ontario, but not here. Climate healthy.
Young, Jno. M. L...	I can hardly say that winter always begins as early as November, but it generally ends between March 15th and April 1st. No hardship or loss. I drove a yoke of oxen 140 miles in six successive days, starting February 1st, about the coldest time we had, and did not suffer. I consider the climate very healthy, far ahead of Ontario.
Doyle, W. A.....	About 20th to 30th November to about last of March. No hardship or loss whatever, I have frequently in travelling slept in the snow rolled up in a buffalo robe and have never been frost-bitten. The climate is certainly healthy except for consumptives in late stages; for them the winter is too severe.
Olivier, Thomas.....	About the middle of November. I like the winter, as it is always dry and a good deal of fine weather. Climate very healthy.
Sheppard, Joseph...	Last year 10th November, and opened for seeding on the 25th March if I was ready. This is a good climate to live in. It is healthy because the air is pure and the nights cold.
Stevenson, T. W.....	Last year 9th November. No serious hardship or loss, but frost-bites now and then. Climate extremely healthy.
Blackwell, James...	Latter end of November till generally the end of March. No loss or hardship. Climate very healthy.
McGregor, D.....	10th November till April 1st. A little loss both years. Climate healthy.
Powers, G. F.....	About the middle of November to about 1st of March. No hardship or loss at all. All stock winter well. Climate very healthy. My wife came here weighing 130 lbs and sickly, now she weighs 184 lbs. and has good health.
Rutherford, J.....	About 1st November till 1st week in April. No hardship or loss. Stock do well if half cared for. Climate the most healthy in the world.
Carter, Thomas.....	About 20th November till about 15th March. No hardship whatever. My fowls also do well in winter. I have a few black Spanish fowls, and my Brahmas also do well. I know the climate to be very healthy.
Bobier, Thomas.....	About 1st November to end of March. The snow being dry a person never has wet or damp feet during winter. The climate is most decidedly healthy, that is one of the reasons I am in this country.
McKitrick, Wm.....	15th November to 1st April. I can say from experience this is a healthy climate.
Cameron, G. A.....	10th or 20th November. No hardship or loss. Climate is healthy; I never heard any one deny it.
Bailey, Z. ....	Middle of November till April. No hardship or loss. We have all been very healthy; consider climate very healthy.
Black, G. R.....	Middle of November and breaks up in the beginning of April. No hardship or loss whatever, and I have roughed it as much as any of the settlers. Climate very healthy.
McLennan, Thos.....	About 15th November to 1st April. A little hardship; had to sleep out 15 or 16 nights, but no loss whatever. Climate healthy, could not be more so.

Name.	Answer.
Armer, W. A.....	5th November to 15th March. No hardship or loss. Climate very healthy.
Brew D. W.....	About the middle of November; we are apt to have some good weather after that. Winter ends about end of March, but some grain was sown in March this year. No hardship or loss. Climate healthy, myself and family all having good health here.
Cletree, F. ....	Three years since I came, we ploughed until the middle of November, but oftener the ground is closed the latter part of October. Never suffered any hardship; am well pleased with the winter. I consider the climate very healthy.
Thompson, S. ....	1st week in November till about April. No hardship or loss. I have been out a good deal with team in winter; never been frozen yet.
Monesteel, C. H.....	About the last of November, and ends in April sure. I suffered no loss from the climate last winter. I consider it a very fine winter, much more so than I ever expected to see here. Climate very healthy.
Anderson, Geo .....	10th to 15th November and ends in March. No hardship or loss, and don't know of any one in this section having suffered anything serious.
McDougall, A. G....	About 15th to 20th November, ends about 1st April. No hardship or loss. Climate the healthiest in the world.
Lunn, Alex. ....	It freezes up about the 1st November. No hardship or loss. Climate healthy.
Devenson, G. B.....	Have ploughed three years till 5th November. No hardship or loss. Climate healthy.
Wagner, Wm.....	1st to 15th November till 1st April. No hardship, but by the neglect of my stableman I have lost two calves through being frozen; cow calved during night. Very healthy climate. I left Toronto with a fever, ague and rheumatism, and to-day, 65 years old, I am strong and healthy.
Felson, Robert.....	About the 5th November till 1st April. Can't say I have suffered any hardship or loss, but have found it cold, and I lost some poultry. Climate healthy upon the whole. Climate, as far as I can judge, is favorable to successful settlement.
McIntosh, A.....	Have not suffered any serious losses. Climate extremely healthy.
Bolton, F.....	About 20th November till 20th March. No hardship or loss. Winters are cold but dry, and therefore I prefer it to softer climate. Climate particularly healthy.
Morton, Thos. L.....	Averages from 15th November to 15th April. No hardship or loss whatever. Climate very healthy.
Wilson, James.....	Ploughing stopped about 10th November. No hardship or loss. Climate healthy.
Blater, Chas. B.....	In 1883, November 15th, ended 25th March, 1884. No hardship or loss in the slightest. Extremely healthy.
Connerson, James...	About 15th November to 17th March. No hardship or loss. Climate by all means healthy. All the family in perfect health; was twenty-eight years in Holland, but never so well and happy as here.
McKenzie, K.....	Ploughing stops about 7th November, but generally fine weather after. Ends about latter end of March. No hardship or loss. Climate healthy.
Kennedy, Thos.....	About 5th November till 10th to 20th April. No hardship or loss. Neither myself nor family have had any sickness since coming here.
Harris, A. B.....	1st November to 1st April. No hardship or loss. Climate very healthy.
Burtley, Noah.....	1st November to 10th April. No hardship or loss in any respect. Climate considered very healthy by almost everybody.

Name.	Answer.
Chambers, W.....	About 1st November to middle of April. I have found the winters most enjoyable. I have been in various countries, and can say that this is the most healthy of any I have ever lived in.
Carroll, A. H.....	About the last of November till the latter end of March. No hardship or loss enjoyed the winters exceedingly. Climate very healthy.
Garratt & Ferguson.	About last week in November. We have only lost one ox, and that was through neglect in the first winter in the country. Climate very healthy.
Bole, J.....	Between the 15th and last of November, ends about the 20th April. A man can do more work and with greater comfort than he can do in Ontario. Climate healthy.
Garratt, R. S.....	From 1st to 15th November, ends from March 15th to April 1st. I say emphatically I have suffered no hardship or loss. Climate healthy, very much so.
McLean, J. A.....	About 15th November, sometimes later. No hardship or loss whatever. Climate certainly healthy; I find it so, and so do a good many more.
Bedford, J.....	Commences at different times in November, breaks up in April. No hardship or loss. Climate healthy for young and healthy people; too severe for aged and infirm.
Elliott, Joshua.....	The plough is generally stopped by frost 1st to 15th November. We have suffered considerably from cold, but do not know that we have lost much. Climate very healthy.
Todd, P. R.....	Ground frozen November 7th, not much snow in November. Cattle began to graze about April 1st; some snow till 18th April. No hardship or loss. Climate healthy.
Dickson, Phillip....	About last of the month to 1st of April. No hardship or loss. Climate healthy, more so than any country I have been in.
Hoard, Charles.....	About 1st to 10th November till about end of March. No loss or hardship. Climate wonderfully healthy.
Connell, Robert....	Beginning of November, sometimes in October. Not very many hardships or losses. Climate healthy, but wants plenty of clothes in winter.
Cox, William.....	November 15th to April 15th. No hardship or loss. No healthier climate could be desired.

## The Farming Seasons.

The following are the seasons :—

**SPRING.**—April and May. Snow disappears rapidly, and the ground dries up quickly. Sowing commences from the middle to the end of April, and finishes in the beginning of May.

**SUMMER.**—June, July, August, and part of September. Weather bright and clear, with frequent showers—very warm at times during the day; night cool and refreshing. Harvesting commences in August and ends in September.

**AUTUMN.**—Part of September and October and part of November, perhaps the most enjoyable season of the year, the air being balmy and exceedingly pleasant. At this period of the year the prairie fires take place, and the atmosphere has rather a smoky appearance, but it is not disagreeable.

**WINTER.**—Part of November, December, January, February and March.

In the early part of November the Indian summer generally commences, and then follows the loveliest portion of the season, which usually lasts about a fortnight. The weather is warm, the atmosphere hazy and calm, and every object appears to wear a languid and drowsy aspect. Then comes winter, generally ushered in by a soft, fleecy covering of snow, succeeded by days of extreme clearness, with a clear blue sky and invigorating atmosphere. In December the winter regularly sets in, and, until the end of March, the weather continues steady, with perhaps one thaw in January, and occasional snow-storms. The days are clear and bright, and the cold much softened by the brilliancy of the sun.

### Summer Frosts.

In considering answers to the question "Are summer frosts prevalent or exceptional?" it should be remembered that last year a most exceptional frost appeared on one night in September throughout the whole northern part of the United States, and in some parts of British North America. The damage done to crops in the Canadian North-West is proved by Government statistics to be much less than that generally experienced on the continent of North America; and the fact that the following replies were given immediately after a frost, even though it was most exceptional, adds largely to the value of the testimony.

It should further be remembered, as will be seen from the testimony of many settlers, that ill-effects from summer frosts may be, in almost every case, avoided by a system of early ploughing; so that each settler has his remedy in his own hands.

104 farmers answered, "Exceptional." Following are replies of others, whose postal addresses may be found on pages 5, 6, 7, 8, 9 or 10.

Name.	Answer.
Ken, G. ....	Exceptional, doing little or no damage if wheat land is autumn ploughed. Have seen frost by chance in July, in England.
son, W. S. ....	Exceptional; most certainly not the rule.
tchison, A. ....	Have never experienced any.
ith, W. P. ....	I believe exceptional. This year up to date (September 13th) no frost to hurt the greenest grain.
the, R. ....	We have had two slight frosts, but not to do much harm.
ld, E. ....	I should say exceptional; but after first week in September we generally get frost.
wrence, J. ....	I never lost a dollar by summer frost.
reech, John. ....	There has been none here to do any harm.
thian, J. ....	Very rare. I have only seen it once, and that nothing to speak of.
Ghee, J. ....	No summer frosts here.
nce, G. ....	We have never suffered from frost during summer.
arnock, W. ....	Are the exception, the frost of 1883 being the only one I have seen in six years to do any harm.

Name.	Answer.
Reid, Alex.....	The exception from all I can learn from men who have been ten years in country. Very seldom coming before the 25th September.
Grang, J.....	Once in four or five years, there is frost about 7th September.
Perley, W. D.....	We do have slight frost, but not to do any general or serious damage. As country becomes cultivated I feel sure they will disappear, as all new countries in British America have had that experience.
Grimmett, D. W....	Very rare in growing season.
Purdy, T. F.....	I think they are exceptional. Cultivation will improve that as the turf is worked off the land.
Leepart, R. N.....	No frost this summer.
Ingram, W. A.....	Exceptional in our locality—Souris district.
Anderson, G.....	Last year was the first that I have seen to injure.
Young, J. M. L.....	Summer frosts that are injurious are very exceptional.
Doyle, W. A.....	I have not lost \$10 (2L) per year by frosts. Late-sown grain is never safe from September frosts.
Newman, C. F.....	Not hurt anything, except last year.
Lang, R.....	I can answer for Oak Lake only by experience. None whatever.
Sheppard, J.....	They are exceptional; this is my second year, and they have done no harm to my peas, the second crop in blossom to-day (September 12th).
Stevenson, F. W....	Prevalent, but seldom do harm. Vegetables not injured this year till 15th September.
Finlay, J.....	Summer frosts do no harm here.
Walker, J. C.....	Last year was the only frost that did any damage since I came here in 1877.
Honor, T. R.....	I have grown four crops, and had one damaged by frost.
Wat, J.....	Cannot tell yet, but I hear they are exceptional.
Malcolm, A.....	We have occasional summer frosts, but not often to do much damage. Grain that was a little late has been damaged twice during my seven years' residence here.
Pollock, Jno.....	They are prevalent here to a certain extent.
Reid, E. J.....	They are no worse than in Ontario.
Rutherford, J.....	We have, but seldom to do much harm.
Robier, T.....	Last year was considered the worst in ten years, and I raised 1,400 bushels of grain and did not have 30 injured by frost as it all was sold for seed.
Little, James.....	There was frost on 1st July, 1883, but did not do much damage.
McKitrick, W.....	Light frosts are prevalent in my district, but heavy frosts are exceptional.
McFellan, J.....	Never suffered but once in nine years.
Troyer, C.....	I have never had anything frozen. They are the exception, late sowing being the cause.
Vandervoort, G.....	We generally have a light one in this part about the first of June.
Wood, J. H.....	I have not suffered from summer frosts.
Brown, W. J.....	They are never looked for.
Chambers, S. W.....	No, not to any serious extent; still they are not exceptional in this part.
Patterson, A.....	They are more exceptional than where I came from (Ontario).
Little, J.....	I have farmed for 15 years and have never had frozen grain with the exception of once.
Black, G. R.....	Exceptional.
Wright & Sons.....	Have seen no serious summer frosts.
Whitney, C.....	There was not the slightest frost this season from the first week in May until the seventh September.

Name.	Answer.
Lennan, T. ....	Exceptional, I think. Never did me any harm, and I have had three crops.
Lbert, J. ....	We have had no frosts this summer.
Lgg, S. ....	Four frosts are exceptional.
Lser, D. D. ....	Not common. Cut my first frozen wheat last season.
Lmour, H. C. ....	Here we have had none.
Lw, W. D. ....	Summer frosts have done no harm here since I came, excepting September 1883.
Ltree, F. ....	They are not prevalent in this part of the country. In my experience of sixteen years the frost last year was the first that ever injured wheat, except patches sown late.
Lrris, James. ....	None to hurt this year, nor last either.
Lrt, G. ....	Exceptional, such as last year, but often have slight frosts, not injurious.
Lson, John. ....	Not prevalent in Southern Manitoba.
Lliott, T. D. ....	We were hurt with the frost last year; none any other year.
Lrkie, J. ....	Never saw any before the 7th of September, and that last year only.
Lborne, D. ....	None this year to hurt.
Lrrison, D. H. ....	Exceptional; not more frequent than in Ontario.
Lmpson, S. ....	Last year we had early frost. The cucumbers are not hurt yet (September 19th).
Lmester, A. ....	They are the exception, not the rule.
Lmesteel, C. H. ....	I have not been here long enough to be certain, but I think they are exceptional. Last summer we had frost, this summer none.
Lgent, A. J. ....	The exception till this season.
LcCormack, D. ....	None.
Lmbert, W. M. ....	We have had no frost to do any damage.
Llows, J. ....	None in June, July and August this year.
Lhampion, W. M. ....	The exception since I have been here, as the frost of September 7th, 1883, is the only one I have seen.
LcIntyre, J. ....	No summer frost this year.
Lte, James. ....	Summer frosts have done no damage in this part.
LcMurtry, T. ....	We are not troubled with summer frost.
LcCaughy, J. S. ....	In some localities prevalent, in others exceptional.
Lvenson, G. B. ....	Have not seen any. Had an early frost last fall. I lost nothing by it, and only late grain was hurt.
Lmpley, M. ....	I have only seen one in eleven years do any harm worth mentioning.
Lagner, W. (M.P.P.)	Not prevalent; last year was the first one which did damage to my knowledge.
Lsaship, J. J. ....	Exceptional; none since I came here.
Lelson, R. ....	My experience is that there is some danger from it.
Llirton, J. ....	Have had no summer frosts to hurt even the tenderest vegetables.
Llilton, F. ....	Exceptional. 1883 is the only year frost did any harm since I came here.
Llorton, T. L. ....	Exceptional; only one year since 1873, I think 1875. Barley and oats were cut on 10th June, but no damage.
Lmpbell, R. ....	Summer frosts are not prevalent in this part.
Llifton, A. L. ....	None in this part.
LcDonell, D. ....	Very exceptional in this part; one this summer in the latter end of August.
Llall, P. ....	None where I am.
LcGee, T. ....	Exceptional. More seasons without than with frost.
LcEwen, D. ....	We have had slight frosts this season from the 5th September, but so far no damage to growing crops.

Name.	Answer.
Day, Jno. H.....	Never seen any.
Fargey, J. H. ....	They are exceptional. We have only had one frost in seven summers— September 7th, 1883.
Connerson, J.....	About the 10th of June and 10th of September we had very slight frost, but little harm done.
Rorison, W. D.....	Prevalent from 7th September in this part.
McKenzie, Kenneth	They are not prevalent, only exceptional; more exceptional than in Ontario.
Daniel, J.....	Not prevalent. Seldom seen.
Nickell, Wm.....	Prevalent in some districts about here.
Harris, A. B.....	When grain is sown in April, or up to the 15th May, there is no danger of frost after that time it has to run chances. For five years we have had frost between the 25th August and 6th September.
Bartley, N.....	I should say exceptional. Some light frosts sometimes cut tender plants.
Chambers, W.....	My first year's experience was in 1882; first severe frost that killed my tomatoes took place on the night of September 26th. I think them exceptional.
Paynter, W. D.....	Generally free from frost from the middle of June to end of August.
Hayter, W. H. ....	No worse than Ontario.
Wilmott, H. E.....	They are prevalent in this district.
Wright, C.....	We have always slight frosts in this part in June and early September, but they seldom do harm.
Johnston, J.....	Exceptional and not generally injurious.
Garratt, R. S. (J.P.)	Prevalent in certain localities. They are exceptional generally.
Day, S. and A.....	Haven't seen any yet.
McDonald, W. W...	They are exceptional; never seen any.
McLean, J. A.....	We were visited with summer frost twice since I came here.
Beaford, J.....	Exceptional, generally once, the latest the first week in June.
Elliott, J.....	Not in middle of summer, but it comes too soon for grain sown late.
Todd, P. R.....	Have ripe tomatoes grow in open air.
Boldrick, R.....	Summer frosts that do any serious harm are exceptional.
Dickson, B.....	Have had frost in June, but never suffered from it.
Cafferata & Jefferd.	No frost here from first week in April till September 7th.
Connell, R.....	Very prevalent this summer, but not done any damage.
Fisher, H..... (settled in 1884)	I fear to some extent prevalent, but with good cultivation and activity in spring a farmer can escape ill effects.
Miller, S.....	We have had no frost to hurt any vegetable in the summer since I came to the country (May, 1882).

sum  
outs  
coun  
note  
tainl  
'No'  
coun

eihe  
'Non  
addre

Urton  
Hutch  
Prect  
Warre  
Fraser  
Perley  
Miller  
Purdy  
Davis  
Rogers  
Kines  
Doyle  
McRae  
Walke  
Honor  
Graham  
Malcol

Ruthe  
Little  
McKit  
Camer  
Warre  
Chamb  
Howey  
Merce

## Winter and Summer Storms.

In many parts of America, anxiety is felt by farmers on account of winter and summer storms. Manitoba and the Canadian North-west are happily, for the most part, outside of what is somewhat called the "storm belt," and it is but rarely that the country is visited in this way. This may be seen by the following testimony, and it is noteworthy how great a number have experienced no loss whatever; as many as 150 thinking the damage of so little real importance as to simply answer it by the words "No" or "None". Storms do, it will be seen, occasionally visit some few parts of the country, but it is undoubted that they are exceptional.

The question asked was:—"Have you suffered any serious loss from storms during either winter or summer?"—*In reply 112 farmers simply answered "No," and 42 answered "None."* Following are the replies of the remainder. Their full names and postal addresses are given on pages 5, 6, 7, 8, 9 or 10.

Name.	Answer.
Urton, W. S.....	No; they are rare.
Hutchison, A.....	No loss whatever.
Prector, H.....	Very little.
Warnock, Wm.....	No; not worth mentioning.
Fraser, Jno.....	No; weather very pleasant.
Perley, W. D.....	This country has not suffered from storm.
Miller, Solomon.....	Not to the value of 10 cents.
Purdy, D. F.....	Nothing uncommon to Ontario.
Davis, W. H. ....	Partial loss two seasons with hail.
Rogers, T.....	None whatever, so far.
Kines, Wm.....	Not much.
Doyle, W. A. (J.P.)	None; nor has any portion of this community.
McRae, R.....	Never.
Walker, J. C.....	I had my house roof blown off in June, 1884, but no other damage.
Honor, T. R.....	I have never suffered from storm.
Graham, M.....	Never until this year.
Malcolm, A.....	Three years ago my grain was all cut down with a hailstorm, but it grew up again and I had a good crop.
Rutherford, J.....	We never have had any storms or blizzards here yet, and suffered no loss.
Little, James.....	No; not yet.
McKittrick, W. ....	Nothing serious from storms.
Cameron, G. A.....	A little last year from hail.
Warren, R. J.....	No; we have had no bad storms here as we had in Ontario.
Chambers, S. W....	No loss of any kind.
Howey, Wm.....	No, never. Never saw a bad storm here.
Mercer, J. ....	Not in winter. I have lost a great deal of hay through the heavy rains in summer.

Name.	Answer.
Lawrence, J.....	I lost part of my crop this year by hail storms, but it is the first I lost since I came here 5 years ago.
McLennan, T.....	No, never saw a bad one in this part.
Gilnour, H. C.....	Have never suffered any loss from storms of any kind, either winter or summer.
Ogletree, F.....	I never suffered.
McAskie, J.....	Yes, this harvest from hail storms.
Harrison, C. H.....	No, we are not in the storm belt.
Thompson, S.....	Have had the top blown off stacks, not hurt much.
Chester, A.....	I have never suffered any loss from storms.
Bonesteel, C. H.....	I never have, and think that last winter was a very fine one.
Anderson, G.....	No loss whatever.
McCormack, D.....	From hail this summer, but crop has come along well again.
McDougall, A. G.....	Yes, one hail storm last summer.
Dickson, I. W.....	None yet of any kind.
Lambert, W. M.....	None whatever.
Hume, A.....	I have not.
Tate, James.....	Have not suffered in any way from storms.
McGill, G.....	Lost none by shelling first year; lost some last year and this year; none from winter.
Stevenson, G. B.....	A little three years ago, by hail.
Shiple, M.....	Nothing worth mentioning.
Wagner, W. (M.P.P.)	Never. We had this year an hour's hail, but did no damage to any amount.
Nelson, R.....	No, nothing to speak of.
Orr, J. D.....	Yes, all my crop in 1883.
Upjohn, F.....	Never until this harvest.
Bolton, F.....	Not in the least.
Morton, T. L.....	None in winter. In 1876 hail destroyed half crop.
McDonnell, D.....	The storms never injured the stock or house and stables, &c.
Heaney, J.....	There was a little hail this summer which did a little damage.
McBean, A.....	Yes; lost all crop by hail in 1883, and badly damaged by rain 1884.
Connerson, J.....	No; had no damage whatever in six years.
McDiarmid, C.....	Only from hail.
Rawson, J.....	Yes, twice in summer from local hail storms and frost on 7th September, 1886, though quite exceptional.
Bartley, N.....	Not any, except by thunder and lightning, which destroyed outbuildings, stock and implements.
Chambers, W.....	Never have seen a storm other than thunder since I came.
Bole, J.....	This part is not subject to storms in summer.
Garratt, R. S.....	A hail storm destroyed my crop in 1883.
McDonald, W. W.....	I have never suffered or seen any bad storms.
Mitchell, John.....	Last year I lost all the grain I had, about the middle of August.
Jones, James.....	Not so far.
McLean, J. A.....	I suffered some one year by hail storm during growing season.

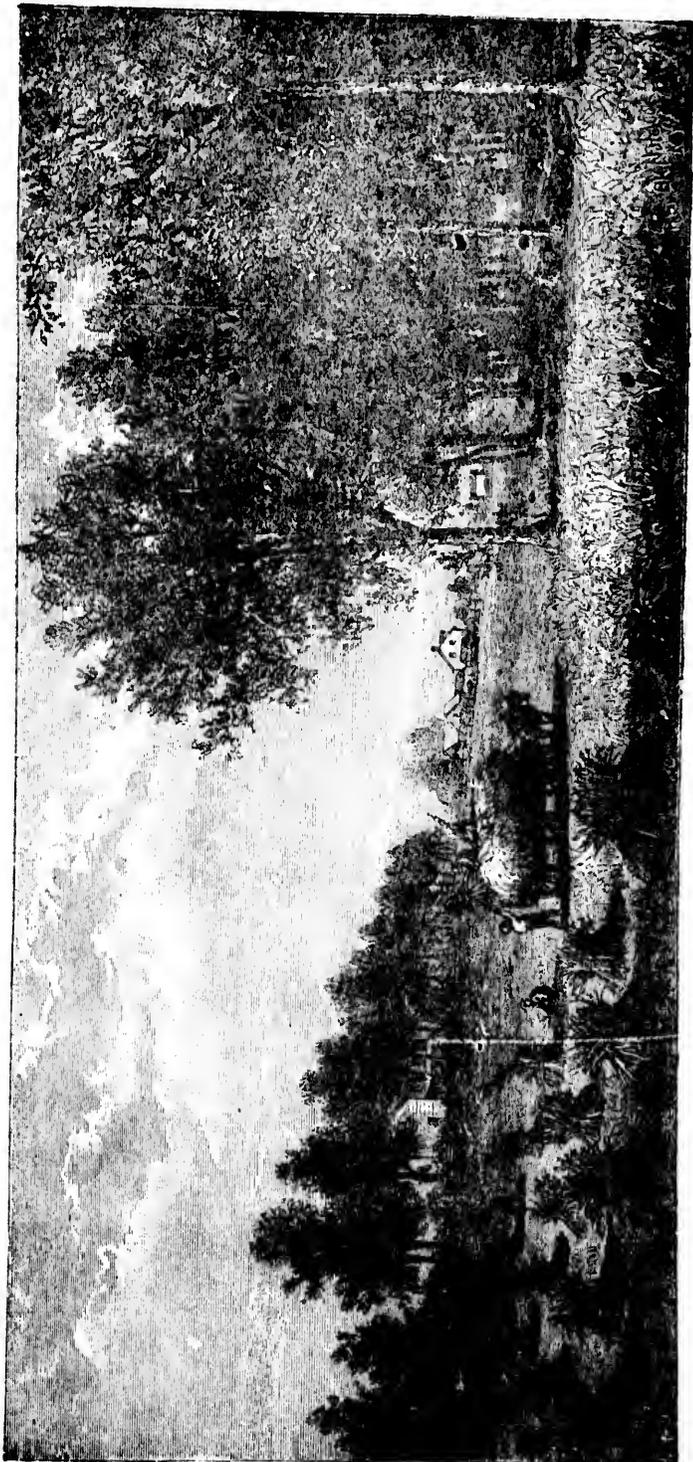
I lost since  
or summer

; none from

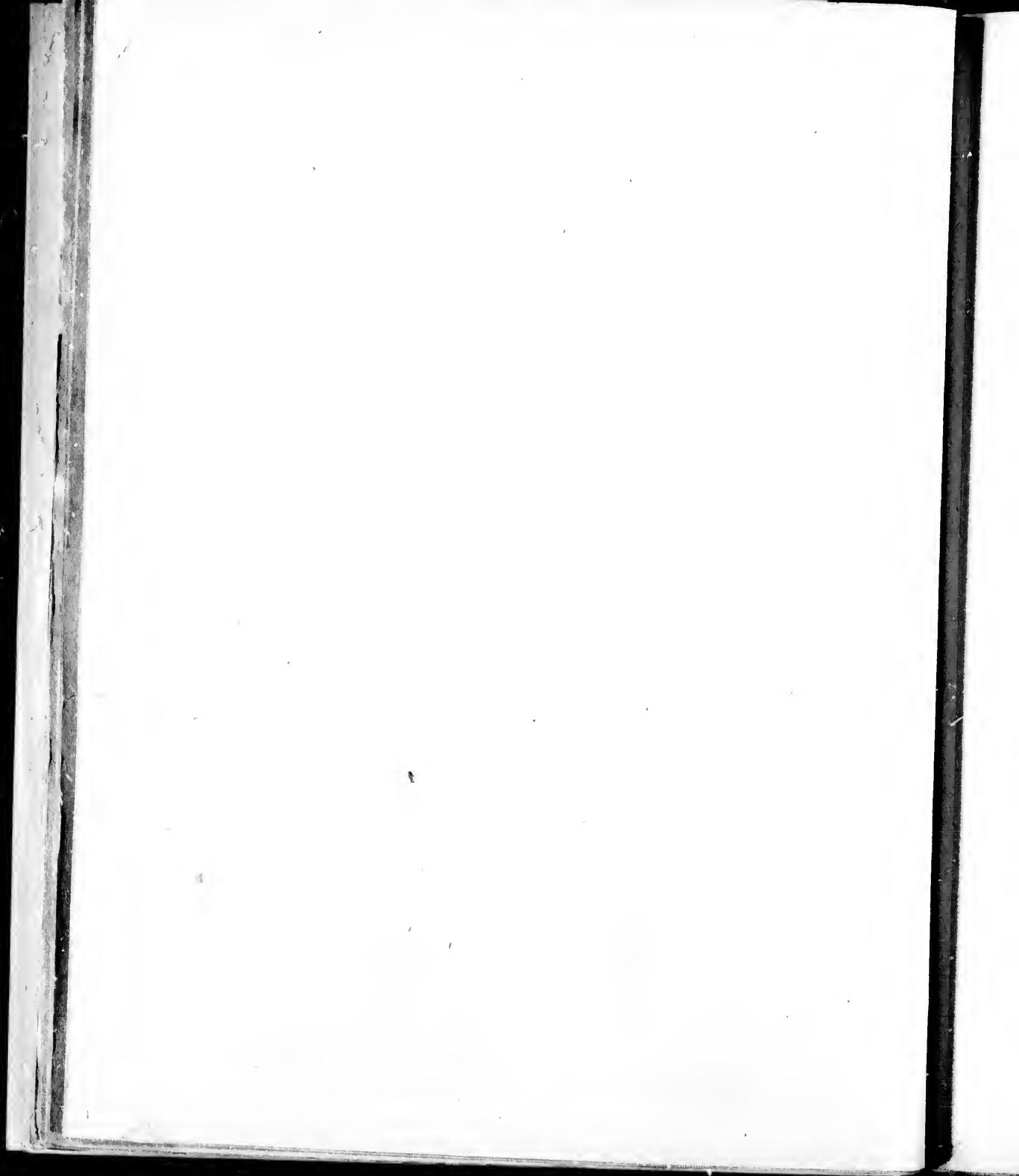
amount

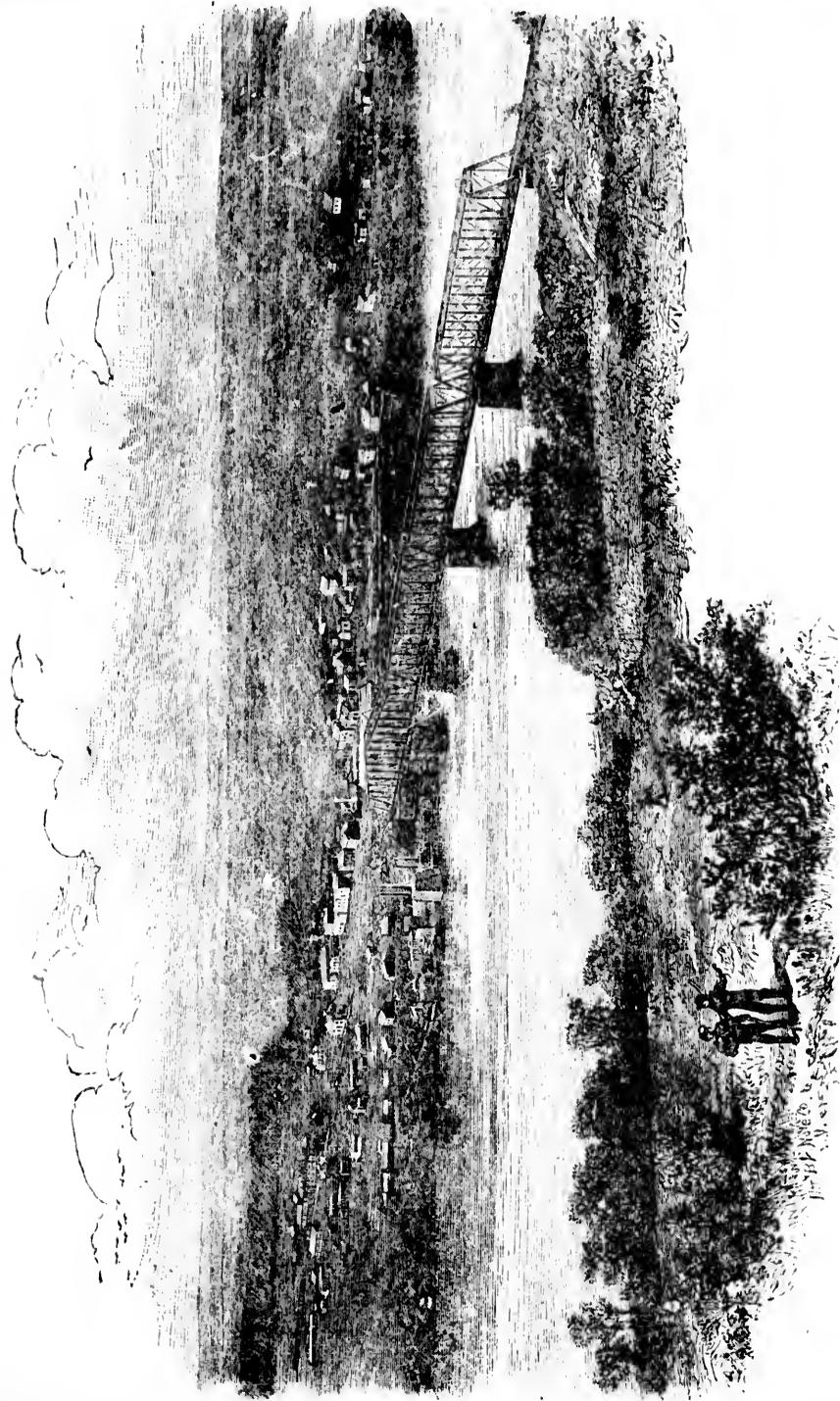
ber, 1888.

lings, stock



HOMESTEAD FARM AT KILDONAN, NEAR WINNIPEG





MEDICINE HAT.—CROSSING SOUTH-SAKACHEWAN RIVER, 650 MILES WEST OF WINNIPEG.

than  
the  
study  
and e

the st  
fertile  
a dec  
is so  
break  
cally  
The

a  
g  
d  
s

Hind  
Caffe  
Jeff  
Urton  
Rogers  
Beesle  
Phillip  
Hutch  
Procto  
Mercer

Pollard  
Lawren  
Orr.....  
Screed  
Hoard

Upjohn  
Harwar  
Camero  
Lothian  
McGhe  
Gibson  
Bruce

## The Soil.

The high average yield of crops in Manitoba and the Canadian North-West—more than double that of the United States—is in itself a practical proof of the rich quality of the land, and of its adaptability to agricultural purposes. Still, it is interesting to study the chemical properties of this extraordinary agricultural tract excelled by none and equalled only by the alluvial delta of the Nile.

Dr. Stevenson Macadam, of Edinburgh University, an undoubted authority, says the soil is "very rich in organic matter, and contains the full amount of the saline fertilizing matters found in all soils of a good bearing quality." The soil is in general a deep black argillaceous mould or loam resting on a deep tenaceous clay subsoil, and is so rich that it does not require the addition of manure for years after the first breaking of the prairie, and in particular places where the loam is very deep it is practically inexhaustible.

The question asked on this point was: "Please state the nature of soil on your farm, and depth of black loam?" The description of one farm in each district only is given to economise space. Where, however, the description of lands in the same district differs, the answer of each settler is given. (For postal address of each settler, see pages 3, 4, 5, 6, 7 or 8.

Name.	District.	Answer.
Hind Brothers. ...	Pense .....	Rich black loam, average depth 18 in.
Caffera ta and Jefferd.....	Pense.....	Sandy loam : about 9 in. of black loam.
Urton.....	Moose Jaw.....	Soil various, all good ; loam 6 to 12 in. deep where tested.
Rogers.....	Moose Jaw.....	Deep rich clay on clay subsoil.
Beesley.....	Moose Jaw.....	Alluvial soil, 4 ft. of loam.
Phillips.....	Rapid City.....	2 ft. black loam on clay subsoil.
Hutchinson.....	Craven.....	Sandy loam on gravelly clay subsoil, loam from 9 in. to 2 ft.
Proctor.....	Woodlands.....	Black loam, with clay under, 2 ft. deep.
Mercer .....	Grenfell.....	Depth of black loam 18 in. Under black loam is gravel and sand.
Pollard.....	Sidney.....	Sandy loam, with clay subsoil.
Lawrence.....	Clearwater.....	Black loam, 18 in. to 2 ft., with clay subsoil.
Orr.....	Cartwright.....	Soil is good, with foot of black loam and clay subsoil.
Sereech.....	Rounthwaite .....	Soil heavy, black loam 15 in.
Hoard .....	Lake Francis.....	Soil is good but somewhat stony and bushy ; black loam 6 in. to 1 ft., with clay subsoil.
Upjohn .....	Lake Francis.....	Depth of black loam 8 in. to a foot.
Harward.....	Littleton.....	Soil is varied, clay, sand, gravel and shale from 6 to 24 in.
Cameron.....	Qu'Appelle.....	Black loam, clay subsoil ; loam 8 to 12 in. deep.
Lothian.....	Pipestone.....	Clay loam, from 16 in. to 2½ ft. black soil.
McGhee.....	Blake.....	Sandy soil, from 18 in. to 2 ft. deep.
Gibson .....	Wolsley .....	Black loam 2 ft. deep, on a clay subsoil.
Bruce .....	Gladstone.....	There is a small creek through my place, which also divides the soil, the one half is sandy loam and the other black loam.

Name.	District.	Answer.
McDiarmid .....	Gladstone.....	Sandy loam, with 2 ft. of black loam.
McLean .....	Gladstone.....	Black sandy loam, 4 ft.
Bell.....	Bellevue .....	320 acres of clay loam, with black loam 30 in. ; 160 acres of sandy loam 24 in. deep.
Mitchell.....	Brookdale.....	From 12 to 18 in. of black loam, then yellow clay mixed lightly with sand.
Wainock.....	Neepawa.....	Black loam, 1½ to 2½ ft. in depth ; clay subsoil.
Reid.....	Milford.....	Sandy loam of 4½ ft., with clay subsoil.
Fraser.....	Brandon.....	Black loam, top depth 2 ft. ; clay bottom.
Stevenson.....	Brandon.....	Some of it clear prairie ; depth of soil 15 to 20 in. ; some scrub, with 3 ft. loam.
Carroll.....	Brandon.....	Considerable alkali, 2 ft. loam.
Agnew.....	Brandon.....	Loam 3 ft. in depth.
Stowards.....	Arrow River.....	Black loam, 20 in.
Kinnear.....	Plum Creek.....	Good rich soil ; 2 to 3 ft. black loam ; clay bottom.
Hay.....	Alameda.....	Rich loam, depth 1 ft. ; clay bottom.
McGill.....	Souris.....	Rich black loam, average 15 in. deep. On level prairie 2 to 3 ft., rich alluvial soil on river slope.
Purdy.....	Regina.....	Black clay loam, all alike as far as you may go down ; now and then you strike gravel 25 or 30 ft. down.
Lambert.....	Regina.....	Heavy clay, loam depth, 20 to 30 in.
Kines.....	Osprey.....	Black loam, depth from 1 to 2 ft.
Young.....	Moosomin.....	Black loam ranges from 8 in. to 22 in. deep, with sand on clay subsoil.
McGee.....	Burnside.....	Clay soil ; black loam 6 in. There is also a gravel ridge running through the farm.
McKenzie.....	Burnside.....	Black loam about 2 ft., and generally clay subsoil.
Sheppard.....	Indian Head.....	Clay, about 3 ft. of black loam.
Armstrong.....	Dalton.....	1 black loam, or vegetable soil. Black loam from 18 to 36 in.
Findlay.....	Shoal Lake.....	8 in. black loam, then clay below.
Walker.....	Glendale.....	2 ft. of loam ; clay subsoil.
Blackwell.....	Virden.....	Top soil black loam, about 20 in. subsoil clay.
Hall.....	Headingley.....	Clay loam, about 12 in.
Honor.....	Pendennis.....	8 to 12 in. of black loam, with clay subsoil.
Graham.....	Portage la Prairie	Heavy black loam, varying from 1½ ft. to 2½ ft., with clay subsoil 6 ft.
Hope.....	Carberry.....	Black loam and clay, 15 in. black loam, clay subsoil.
Malcolm.....	Minnedosa.....	Black sandy loam, from about 1 to 2 ft. deep.
Davis.....	McLean.....	Clay and part sandy loam, black loam 10 in.
Rutherford.....	Silver Creek.....	Black loam, slightly mixed with sand, depth of soil 1½ to 3 ft.
Little.....	Oak River.....	2½ ft. very black rich loam, very heavy clay under.
Fraser.....	Oak River.....	Black loam and clay subsoil, 1 to 3 ft.
McKittrick.....	Crystal City.....	The black loam is about 18 in. in depth, and 2 ft. of white marly clay ; below that, clay and gravel.
Warren.....	Olive.....	Sandy loam black, depth about 2 ft.
McKnight.....	Carman.....	Clay loam, from 1 to 3 feet.
Brown.....	Pomeroy.....	Sandy loam, from 2 to 3 ft. deep.
Bailey.....	Lethair.....	Sandy loam, varying from 6 in. to 2 ft. on black loam.
Black.....	Wellwood.....	Clay subsoil, with 12 to 18 in. of black loam.

McC  
Con  
Whit  
Bald  
McLe  
Smart  
King  
Elliot

Harris  
Thom  
Chest  
Nuger  
Kenny  
McCo  
McDo  
Dick  
Barn  
Spears  
Champ  
Hume  
Ship  
Wagne

McInt  
Stirton  
Coay  
Camp  
Hall  
Wilson  
Kemp  
Heaney  
Slater  
Rorison  
Nickell  
Harris  
Paynter  
Bartley  
Chambe

Lawrie.  
Wilmot

Wright.  
Dick  
Garratt.  
Elliot.  
Sutherland.  
Hanna.  
Spears.

Name.	District.	Answer.
McCorquodale.....	Minnewashta.....	Sandy loam, with clay subsoil, black loam about 18 in.
Comerson.....	Minnewashta.....	First-class, can't be beat; loam 4 ft.
Whitney.....	Balgonie.....	Subsoil of grey clay, with about 3 in. of black loam.
Boldrick.....	Balgonie.....	Clay loam; 6 in. black loam.
McLennan.....	Asessippi.....	Black loam from 18 to 24 in.
Smart.....	Holland.....	Sandy loam, 4 ft.
King.....	Belle Plain.....	Heavy clay loam, 3 ft. deep.
Elliott.....	Alexandria.....	The soil is first-class, black rich soil 1 ft, then a rich brown clay for 6 ft.
Harrison.....	Newdale.....	18 in. black loam on a clay subsoil
Thompson.....	Beaver Creek.....	Sandy loam, black loam from 12 to 18 in.
Chester.....	Marringhurst.....	Clay subsoil, with from 11 to 12 ft. black loam.
Nugent.....	Emerson.....	Black rich loam, depth 4 to 5 feet.
Kemy.....	Wolf Creek.....	Black loam, from 6 in. to 2 ft.
McCormack.....	Fleming.....	Black loam, 12 to 15 in., with clay subsoil.
McDonald.....	Fleming.....	Clay loam, 18 in.
Dickson.....	Arnaud.....	All clay, and about 1 ft. of black.
Barnes.....	Morris.....	Black loam and heavy clay.
Spars.....	Griswold.....	Dark clay loam, depth about 4 ft.
Champion.....	Reburn.....	Heavy black loam 11 in. Clay subsoil, more or less limestone.
Hume.....	Chater.....	Heavy clay, loam about 12 in.
Shipley.....	Wavy Bank.....	Part sand loam, and part clay about 1 ft.
Wagner.....	Ossowo.....	Black loam from 5 to 12 in, with limestone, gravel or scrub, under which is heavy clay.
McIntosh.....	Broadview.....	Black loam on top from 10 to 16 in., with clay and loam subsoil.
Stirton.....	Calf Mountain.....	Black sandy loam; clay subsoil from 16 in. to 2 ft.
Coay.....	Westbourne.....	About 3 ft. on clay subsoil.
Campbell.....	Bridge Creek.....	Black loam, on clay subsoil, 12 to 15 in. deep.
Hall.....	South Antles.....	Clay bottom, 10 in. black loam.
Wilson.....	Stoddartville.....	White clay subsoil, black loam from 2 to 6 ft.
Kemp.....	Austin.....	Black sandy loam from 2 to 3 feet deep.
Heaney.....	Meadow Lea.....	Clay loam, about a foot on average.
Slater.....	Wapella.....	1 ft. to 2½ ft. of black loam.
Rorison.....	Oberon.....	Black loam, 2 ft. deep.
Nickell.....	Lucas.....	Black loam, clay subsoil, 10 to 12 in. of loam
Harris.....	Beulah.....	Black loam, 12 to 36 in. clay and gravel subsoil.
Paynter.....	Beulah.....	Sandy loam, with gravel ridges. 18 in.
Bartley.....	Birtle.....	A rich sandy loam, 12 to 18 in.
Chambers.....	Birtle.....	The part of my farm under cultivation is grand gravelly loam, warm early soil; the black soil is from 1 ft. to 18 in.
Lawrie.....	Birtle.....	Black loam from 8 to 24 in. deep, clay subsoil.
Wilmott.....	Douglas.....	A black clay loam with clay subsoil the black loam from 8 to 15 in. deep.
Wright.....	Beaconsfield.....	Sandy clay loam, 1 to 2 ft.
Dick.....	Moline.....	Clay loam, 2 ft.
Garratt.....	Kenlis.....	Clay loam, from 1 to 3 ft. of black loam.
Elliott.....	Sourisbourg.....	Black loam, from 1 to 2 ft., with clay subsoil.
Sutherland.....	St. Andrews.....	Black loam from 6 to 10 inches.
Hanna.....	Griswold.....	Black loam 2 ft., yellow clay subsoil.
Speers.....	Griswold.....	Dark clay loam, depth about 4 ft.

## Fuel and Water.

Recent investigations show that in addition to the clumps of wood to be found dotted here and there on the prairie, and the timber with which the rivers and creeks are lined, there is in these new regions an ample supply of coal. The coal-beds in the Bow and Belly river districts, tributary to Medicine Hat on the main line of the Canadian Pacific Railway, are the first to be worked, and settlers now obtain this coal at moderate prices. Other mines have been discovered immediately on the line of the railway, between Medicine Hat and the summit of the Rocky Mountains, and some of these will be in operation during the present season. Valuable and extensive coal-beds also exist in the Souris district in Southern Manitoba and the south-eastern and western part of the North-West, and these will shortly be opened up by the projected Manitoba South-Western and other railways.

As regards the water supply, the North-West has not only numerous rivers and creeks, but also a very large number of lakes and lakelets in almost every part of the country, and it has been ascertained definitely that good water can be obtained almost anywhere throughout the territory by means of wells; in addition to which there are numerous clear, running, never-failing springs to be found throughout the land. An ample supply of water of different qualities may always be found on the prairie by sinking wells which generally range in depth from eight to twenty feet. Rain generally falls freely during the spring while the summer and autumn are generally dry.

On these two points the farmers were asked: "What sort of fuel do you use, and is it difficult to obtain?" "Have you plenty of water on your farm, and how obtained? If from a well, please state depth of same." The full name and postal address of each settler may be found on pages 3, 4, 5, 6, 7 or 8.

Name.	Answer.
Dickin, George.....	Wood getting scarce; will be able to get coal. Plenty of water, springs rising to surface, usual depth 7 ft. to 20 ft.
Hind Brothers.....	Wood within four miles. Plenty of water from wells 15 to 20 ft. deep.
Urton, W. S.....	Wood, close at hand, is rather scarce, but there is plenty within 15 miles. Coal is cheap here. Plenty of water from two wells 22 ft. each; one in house, one in stable with pumps.
Yardley, Henry.....	Poplar, about three miles distant. Plenty of water for general use in summer; well, 4 ft. 6 in. I get water for cattle in winter at a swamp up to the middle of February.
Hutchison, A.....	Wood is easily obtainable at present. I have Long Lake on one side of farm; also a spring of good water, and a well 30 ft. deep.
Proctor, Henry.....	Plenty of poplar wood in this settlement. Five wells of the best water, depths 20, 25, 26, 30 and 36 ft.
Mercer, James.....	Poplar; no difficulty, lots of it here. Plenty of water, the Qu'Appelle River runs through my farm.
Knight, W. G.....	Wood, and there is plenty in this district. Plenty of water from small lake for cattle, and a well for house 7 ft.
Jeffrey, Wm.....	Wood. I have never been short of fuel. Plenty of water from a spring, the water rising to the surface.
Fisher, Henry.....	Wood, chiefly, but it is costly. Water from Wascana Creek.

Name.	Answer
Smith, W. P.....	Wood, hard to get. Plenty of water, not very good. All neighbours have good water at 15 ft.
Blythe, R.....	Poplar; easily obtainable from the bluffs. Plenty of water from wells and sloughs; deepest well at present 11 ft.
Field, Edward.....	Poplar; no difficulty. Plenty of excellent water from well 22 ft. deep.
Pollard Alfred.....	Dry wood (poplar) in abundance. Splendid water by digging 12 ft.
Orr, James D.....	Dry poplar and oak, which are not difficult to procure. Not too much water; two wells, one 23 ft. and the other 10 ft.
Screech, John.....	Poplar poles, but rather scarce. Surface water for the cattle; well for house 6 ft.
Robertson, P.....	Wood, getting difficult to obtain. Plenty of water; wells 15 to 20 ft.
Harward, F.....	Poplar wood. I have plenty on my own place. Plenty of water, a lake 6 ft. deep and a stream running in summer.
Hall, D.....	Poplar wood, no difficulty to obtain. Water from running creek.
Lothlan, James.....	Wood, poplar; about nine miles to haul. Good water for home use in well 16 ft. deep.
Bruce Geo.....	Poplar and hardwood; I have a good deal on my place. I use river water in winter and well water in summer. 3 ft. deep. The finest water in the province.
Bell, C. J.....	Coal and wood; both are now difficult to get here.
Warnock, Wm.....	Wood, poplar and white birch, easily got. Plenty of water; spring creek and well 20 ft. deep.
Haddow, Jas.....	Wood; it is difficult to obtain, and so is water, on my farm.
Reid, Alex.....	Wood, no difficulty in getting it. Plenty of water from a well about 4 ft. deep.
Perley, W. D.....	Wood, and plenty in this district, at \$3.00 per cord at your house. A good lake and could get water by digging a short distance.
Prat, Jno.....	Wood, quite close to the house. Plenty of water from a well about 4 ft. deep.
Miller, Solomon.....	Coal and wood; wood three miles to draw, coal about 25. Plenty of water; water from well 25 ft. deep.
Grimmett, D. W.....	Elm and maple; enough on my farm to last twenty years. One elm measured 11 ft. 5 in. in circumference. Pipestone Creek runs through corner on my farm; depth of well 3 feet.
Leepart, R. N.....	Poplar; ten miles to get it. Water from well 16 ft. deep.
McBean, Angus.....	Wood very difficult to obtain. Plenty of water, boggy creek; wells 12 to 14 ft. deep.
Young, Jno. M. L.....	Poplar, very handy. I have always had plenty of water from a well 6 ft. deep.
Doyle, W. A.....	Wood, dry poplar; an ample supply here. Water from two spring creeks and several good springs.
Newman, C. F.....	Poplar or ash, plenty of it. Plenty of water from a well 15 ft. deep and out of my little lake.
Sheppard, Jos.....	Poplar wood, costs, six miles from my house, \$1.50 per cord. Water is rather hard to get in some places, but easy in others.
Armstrong, George.....	Wood, to be had for the drawing and a fee of 50 cents for enough for a year's use, for house, stable and some fencing. Water for cattle from a deep pond and for domestic use from wells. Have one well at 17 ft. never failing, and another at 23 feet.
Pierce, S.....	Wood in bluffs on homestead. Plenty of water.
Graham, Mark.....	Wood, poplar and oak. Not very difficult to obtain. Plenty of water by digging about 12 ft.
Malcolm, A.....	Wood; is plentiful here. Plenty of water from a living spring.
McGregor, D.....	Elm. Plenty of water from Assiniboine River.
Niff, J. R.....	Poplar; difficult to obtain, but will use coal. Plenty of water from well 18 ft. deep.

Name.	Answer.
Bobier Thos.....	Wood; have to draw it six miles, but intend using coal, as I hear we are going to have it at \$6.50 per ton. Good water from wells 8 ft. deep; all of my neighbours get plenty of good water by digging from 8 to 20 ft.
Warren R. J.....	Wood; have got plenty on my farm. Plenty of water from well and springs; depth of well 14 ft.
Chambers, S. W.....	Wood, any amount of it in this district. Plenty of water; a spring for home use, and a spring creek for cattle.
Eailey, Z.....	Wood, rather scarce, but coal, which is superior, is easily got at Railroad Station. Plenty of spring and river water, wells 10 ft.
Black, G. R.....	Poplar; any quantity three miles off. Plenty of water and good well 38 ft. deep.
Champion Bros.....	Dry oak and poplar; not difficult to obtain. Generally plenty of water, one well 5 ft. and another 16 ft.
McKenzie, D.....	Poplar fuel. We have plenty yet, handy by. The Arrow River runs through my farm. I have a spring at my house.
Fraser, D.....	Wood getting scarce; expect to use coal soon. Plenty of water. Ponds and wells 14 ft. and 30 ft. Any amount in latter, could not be bailed dry.
Farmer, W. A.....	Wood and coal. River water.
King, M.....	Wood from Qu'Appelle, and coal at \$9.00 per ton on Canadian Pacific Railway. Water is very scarce, and draw it five miles. Have no well yet.
Thompson, S.....	Wood; from three to five miles off. Plenty of water. Beaver Creek runs through the farm. Wells are from 8 to 12 ft round here.
Anderson, George...	Wood, abundance in this district; the Weed Hills, Wolf Hills and Qu'Appelle being very adjacent and well timbered. Price to townspeople 12s per cord. We depend on slough water in summer for stock. Wells range from 6 to 35 ft. in depth.
McDougall, A. G.....	Wood. Coal this year \$6.50 per ton. Plenty of water from well 14 ft. deep.
Tate, James.....	Coal in winter, wood in summer, both of which are easily obtainable. Got water from a never-failing spring.
McMurtry, Thos.....	We use coal, it is quite handy. We get water from a well about 12 ft. deep.
McCaughy, J. S.....	Coal and wood easy to obtain. Water from well 25 to 40 ft. deep.
Heaslip, J. J.....	Coal from Souris, 18 miles from here; not difficult to obtain. Plenty of water from a well 15 ft. deep.
Bolton, F.....	Poplar and oak wood in abundance; haul three miles. Wells 28 ft. deep. Ponds for cattle in summer.
Campbell, Robert...	We get our fire wood, fencing and building timber from the Riding Mountain, four miles to draw. We get our water from Stoney Creek, a spring creek rising in the mountain and running all the year round.
Paynter, J. E.....	Wood, difficult to obtain. Plenty of water from a well 7 ft.
McEwen, D.....	Wood at present, but intend using coal for winter. Expect to get it at Brandon, about \$7 (28s) per ton. Plenty of water, well and sloughs. Wells, one 20 ft. another 35 ft.
Connerson, J. ....	All oak wood; in abundance. Water in abundance all the year round from "Dead Horse Creek."
Kennedy, Thos.....	Wood not difficult to obtain in my case but some have to buy. It costs about \$2.50 per cord. Plenty of water. Have a good spring creek.
Johnston, Jas.....	Wood and coal. Have had no difficulty so far to obtain supply. I have a nice creek crossing farm, but supply buildings by wells from 10 to 15 ft. First class water.
McLean, J. A.....	Poplar, oak and ash; very easy to obtain. I have a dig for water, the depth is from 8 to 12 ft.

yield

Wheat  
Oats...  
Barley  
Peas...  
Rye...  
Potatoes  
Turnips  
Carrots  
Flax...

T  
World

Manit  
Great B  
Wines  
United  
Ontario  
South  
Wiscon  
Iowa  
Ohio  
Indian  
Illinoi

A  
Farm

## Grain Crops.

The following tables, taken from official sources, will show at a glance the average yield in bushels per acre of the crops of Manitoba during the last six years:—

	1876	1877	1878	1879	1880	1881	1882	1883 1884	General Average.
Wheat.....	32	26 $\frac{3}{4}$	26 $\frac{1}{4}$	26 $\frac{3}{4}$	29 $\frac{1}{4}$	30	32	27	29
Oats.....	51	59 $\frac{3}{4}$	59 $\frac{1}{4}$	58	57 $\frac{3}{4}$	59	51	56	56
Barley.....	41	40 $\frac{3}{4}$	63	37 $\frac{3}{4}$	41	40	37	35	42
Peas.....	32	32	34	32 $\frac{1}{4}$	38 $\frac{1}{2}$	38	—	30	34
Rye.....	—	30	30	40	40	35	—	—	35
Potatoes.....	229	304	308	302	318	320	278	259	287
Turnips.....	—	—	—	—	—	—	—	583	583
Carrots.....	—	—	—	—	—	—	—	409	400
Flax.....	—	—	—	—	—	—	—	28	28

The following are the chief averages of the chief wheat-growing countries of the World, as officially given for a series of years:—

	Wheat.	Barley.	Oats.
<b>Manitoba, "verage yield per acre in bushels.....</b>	<b>29</b>	<b>42</b>	<b>56</b>
Great Britain and Ireland.....	28·8	34·2	43·2
Minnesota (the Empire Wheat State of the Union).....	11·1	32·5	35·6
United States.....	13	—	—
Ontario.....	13·6	24·67	39
South Australia.....	8	—	—
Wisconsin.....	11·3	24·5	28·6
Iowa.....	6·6	20·8	26·2
Ohio.....	13·3	16·4	27·7
Indiana.....	10·8	26	23
Illinois.....	8·2	15·5	33·4

Asked as to the probable yield per acre of their wheat, barley, and oat crops Farmers replied as follows:—

Name.	Yield of Wheat per acre in bushels.	Barley.	Oats.
Sheppard, Joseph H.....	About 40.....	.....	About 50.
Stevenson, T. W.....	40.....	.....	Partly 70 and partly 40.
Littis, James.....	Average 40.....	.....	Average 70.
Morton, Thomas L.....	40 at least, I had 45 last year.....	40.....	50.
McLean, John A.....	40.....	40.....	Some 60 and some 80.
Paul, James M.....	About 35.....	About 30.....	About 50.
Rutherford, Jonathan.....	35.....	25.....	46.
Wat, James.....	35.....	50.....	65.
Boulding, G. T.....	Expect 35.....	.....	Expect 70.
Stowards, R. C.....	35.....	.....	.....
Day, John F.....	35.....	50.....	60.
Leitch, Angus.....	35.....	.....	60.
Daniels, Joseph.....	About 35.....	.....	.....
Reid, E. J.....	32.....	40.....	50.
Robier, Thos.....	32, very good.....	40.....	50 to 60.
McKenzie, Kenneth.....	32.....	.....	About 45.
Todd, P. R.....	32.....	30.....	50.
McBean, Angus.....	About 30 or 40.....	About 40 or 50.....	About 50.
Harris, James.....	From 30 to 35.....	40 to 50.....	50 to 80.
Osborne, Daniel.....	Between 35 and 40.....	.....	About 60.
Slater, Charles B.....	30 to 35.....	.....	40 to 50.
Wright, Charles.....	Between 30 and 35.....	35.....	60.
Proctor, Henry.....	Average about 30.....	Black barley average 25.....	Average 50, good crop.
Smith, W. P.....	A certain 30.....	40 last year.....	70 at least.
Robertson, P.....	30.....	35.....	35.
Lothian, James.....	30.....	.....	60.
Bruce, George.....	30.....	Over 40, I should think not thrashed yet.....	Badly wasted by hail storm.
Webster, A.....	30.....	30 on this season's breaking.....	40 on this season's breaking.
Downie, John.....	30.....	50, the best I ever saw.....	60 to 70.
Sirett, W. F.....	30.....	40.....	40 They did not do well this year; too dry in the spring.
Young, John.....	30.....	I have none; but my neighbors' will yield about 45.....	50 to 60.
McRae, Roderick.....	30.....	.....	60.
Armstrong, George.....	30 last year, and my crop is better this year.....	.....	70.
Firley, James.....	30.....	30.....	40.
Deyell, John.....	30.....	50.....	About 60.
Bailey, Zachary.....	30.....	40.....	60.
Patterson, Abr.....	30.....	35.....	50.
Howey, Wm.....	30.....	40.....	60.

Grigg,  
Elliott.Chest  
Obec,  
Muirh  
McInt  
Hall, F  
Speers  
Mitche  
Miller,  
Hope,  
McLan

Gibson

Thomp  
HaneyHall, W  
McKel  
Harris  
Taylor,  
StevenHeaslip  
Coay, T  
Pollard  
McGhe  
Austin  
Purdy,Smith,  
LangA  
They  
and c  
A  
dinar

Name.	Yield of wheat per acre in bushels.	Barley.	Oats.
Grigg, S.....	30.....	50.....	50.
Elliott, T. D.....	On account of a dry spring it will not go over 30.....	About 40.....	A dry spring makes a small yield, say 35.
Chester, A.....	Certainly expect 30.....	40.....	50 to 60
Obee, F.....	30.....	35.....	50
Muirhead, Thos.....	Average will be 30.....	Average 30.....	Average 50
McIntosh, Archd.....	30.....	Good maturity.....	50
Hall, P.....	30.....	30.....	60
Speers, A. R.....	30.....	40.....	70
Mitchell, Jno.....	Expect average probably 28 or 30.....	50 or 55.....	Probably 40
Miller, Solomon.....	About 28.....	40.....	Between 50 and 60
Hope, Geo.....	28.....	30.....	50
McLane, A. M.....	About 28.....	35 on Spring backsetting.....	25, on Spring backsetting.
Gibson, John.....	I expect it will yield 26 as it is a good crop.....		50
Thompson, S.....	20.....	40.....	About 45
Haney, A. W.....	26 on land broken last year, not backset.....		75, on land broken last year, and not backset
Hall, W. B.....	25 to 30.....	About 30.....	About 40
McKellar.....		40.....	40
Harrison, D. H.....	25 to 30.....	About 30.....	50 to 60
Taylor, Wm.....	25 to 30.....	Fully 50.....	About 40
Stevenson, G. B.....	25, and likely 30.....		Only about 40; last year I had 65,
Heaslip, J. J.....	25 to 30.....	About 25.....	From 50 to 70
Coay, Thomas.....	25 to 30.....		About 50 or 60 on average
Pollard, Alfred.....	Averaging 25.....	Averaging 60.....	Averaging 50
McGhee, James.....	25.....	35.....	40
Austin, A., senr.....	About 25.....		About 40
Purdy, Thomas.....	Estimated at 25.....	25; land not well tilled.....	50, badly tilled; on account of dry weather, last year did not rot.
Smith, Wm.....	About 25.....	40.....	40
Lang, Robert.....	25.....	35.....	45

## Roots and Vegetables.

All root crops yield well, turnips standing next to potatoes in area of cultivation. They are in no reported instance infested by flies or other insects. Mangold-wurzels and carrots are not cultivated as field crops to any great extent.

All garden vegetables produce prolific crops, and the Province sustains an extraordinary reputation for their production. During recent years a very large and general

increase has taken place in the acreage devoted to the cultivation of garden products. In the earlier years of the Province's history new settlers had but little time to devote to gardening, but once having got their farms into good working order, they are devoting more attention to it, with most satisfactory results.

The following are instances taken from farmers' reports of success in the growth of vegetables, and in conjunction with these reports it must be remembered that very few, if any, of these farmers used special means to produce these results. The question asked was: "What yield of vegetables have you had, and what is your experience in raising them?" For postal address of each settler, see pages 5, 6, 7, 8, 9 or 10.

Name.	Answer, in bushels per acre.
Dicken, George.....	Have had carrots 12 inches round, and grown cucumbers successfully in the open. Beans and potatoes very good, better than I ever raised in England with 20 years' experience. Turnips very good, and mangolds good.
Yardley, Henry.....	Potatoes, 300. I have grown in the garden beans, peas, carrots, parsnips, beets, cabbage (several kinds), onions. With attention all do well.
Proctor, Henry.....	Potatoes, 300, well manured; turnips, 600, well manured. Carrots and peas, beans and flax, have also done well in small lots. I have grown almost all kinds of vegetables with the best results.
Knight, W. G.....	Potatoes, about 160. All kinds of garden produce grow luxuriously; that is, all and every kind that can be grown in England, and do not require manure for some years.
Jeffrey, William ....	I have grown almost all kinds, and the quality is splendid.
Blythe, R. ....	Potatoes, 150, on the breaking; my beans were frozen. The first year it is not well to sow vegetables on the breaking, except for home use, other wise, after the ground has been properly worked, nearly all vegetables thrive well.
Field, Edward,.....	Potatoes, 300; turnips, from 500 to 700. Carrots, peas and beans, I have only grown on a small scale; the yield is good. Vegetables are a great success in this country, and come on very rapidly. I have grown potatoes, onions, carrots, beets, corn, cucumbers, parsnips, radishes, lettuce, cabbage, broccoli, cauliflower, melon; in fact same as we grow in England.
Polard, Alfred.....	Potatoes, 300. An abundant crop of turnips, carrots, peas and beans. My vegetables have this year generally been a failure. I have grown almost every description of vegetables with great success.
Orr, James D.....	Potatoes, 300; turnips, 300. I have only grown vegetables in the garden, but they all do extremely well.
Lothian, James.....	Potatoes, 300. Have raised cabbages, carrots, onions and beet, all of which did well. With a little experience of the climate, I believe gardening can be made a success in all sorts of vegetables.
McGhee, James.....	Potatoes, 100. This country is second to none for vegetables.
Gibson, Wm.....	Potatoes, 200. Cabbage, Scotch kail, rhubarb, onions, carrots, turnips, parsley, peas, pumpkins and sage, all do well with climate and soil. We have used potatoes two months after planting them.
Bruce, George.....	Potatoes, 400. I have grown almost every kind of cabbage and garden stuff you can mention. I have lifted cabbage this fall 20 lbs. in weight.
Mitchell, John.....	Potatoes, 180. Turnips, carrots, onions, beets, parsnips, parsley, lettuce, and radishes all grow well. I have not made such headway with cabbage. Rhubarb grows splendidly.

Name.	Answer, in bushels per acre.
Middleton, Alex.....	I find no difficulty in growing any of the vegetables I was acquainted with in Scotland. They all require to be sown early in the season.
Perley, W. D.....	Potatoes grow splendidly, and of fine quality, without manure. Carrots will grow fine, but have not had much experience. Peas grow splendidly. I believe manure would help and produce a large crop, but for quality, the present can't be excelled.
Prat, Jno.....	Have some parsnips grown on land which had a crop of peas and potatoes on it last, and no manure put on it, and took one or two potatoes, a week ago, which were 2½ inches in diameter, and long in proportion.
Miller Solomon.....	Potatoes, 400; turnips, 750.
McGill, George.....	Potatoes average 250 bushels (of 60 lbs.) per acre. Never saw a better crop of potatoes, in any country, than I have this year. Turnips, carrots, peas, beans, and flax, are good.
Smith, William.....	Potatoes, 300; turnips, 800. Have also grown carrots, parsnips, onions, cabbage, cauliflowers, pumpkins, melons, citrons, cucumbers, lettuce, squash, tomatoes and radish.
Ingram, W. A.....	Potatoes, 300 to 500; turnips, carrots and beans do well; peas 30 and flax 20. Everything in the way of vegetables does immensely, except Indian corn and tomatoes, which I do not find as yet a success.
Lawrie, J. M.....	Potatoes, 250. Only raised turnips and carrots in garden, but they would do well here. My experience is that vegetables cannot be raised more successfully in any other country.
Doyle, W. A.....	Potatoes, about 200; peas, about 25. Have never seen vegetables equal to those of Manitoba. We cannot raise squash, melons or pumpkins to maturity, however. Carrots, beets, maize, onions, salsify, celery, chicory, radishes and cucumbers all do unusually well with us.
Sheppard, Jos.....	Potatoes, 200; peas, 60 lbs. per acre. Vegetables very good; you can raise every kind to perfection.
Stevenson, T. W.....	Potatoes, 300. Turnips well attended to would have produced 400 or 500 bushels per acre. I never saw as fine vegetables anywhere else, except turnips.
Depell, John.....	Potatoes, 350; turnips, 800. Peas do well. Vegetables do very well.
Walker, J. C.....	Potatoes, 300; turnips, 600; carrots, 300; peas, 30 and beans, 40. Have grown with good results; potatoes, turnips, mangold-wurtzels, beets, carrots, parsnips, onions, radishes, cabbages, cauliflowers and many others.
Mooney, Jno.....	Potatoes, from 300 to 400. Turnips 600, and peas 30. All vegetables do well. Have also grown carrots, beets, cabbage, tomatoes, squash, citron, onions, rhubarb and pumpkins.
Horner, T. R.....	I never saw vegetables grown to better success than here; in fact, they are the surest crops we can grow. I have grown potatoes, turnips, carrots and beets with perfect satisfaction.
Davis, Jno. B.....	Potatoes 300, turnips 600, carrots 600, peas, 30, beans, 25, and flax 30. Have also grown cabbage, beets, tomatoes, radishes, onions, salsify, pie plant, lettuce, pumpkins, grapes, artichokes, pepper and parsnips.
Powers, C. F.....	Potatoes 200, turnips 500, carrots 400, peas 30. Beans do well. All vegetables can be grown with great success.
Rutherford, J.....	Potatoes 350, turnips 600 to 800, carrots 400 to 500, and peas 40 to 50. I have grown successfully:—Cabbage, carrots, parsnips, beets, onions, lettuce, radishes, beans, &c.

Name.	Answer, in bushels per acre.
Bobier, Thos.....	Potatoes, about 300. Turnips generally have not done well this year, the weather being very dry when they were sown in the spring. I never grew any except in the garden; these are excellent. Have grown peas two years: they do first-class here. Beans can be grown here in abundance. I have grown the finest potatoes that I ever grew in my life, both in quantity and quality. Carrots, cabbage, cauliflowers and other garden stuff grown in this country, are of the very best quality.
Patterson, Abr.....	Potatoes, from 250 to 300, and turnips, 500. Carrots average 450. All kinds of vegetables grow well. I have also grown beet, onions, radishes, cabbage, cauliflower, melon, citron and cucumbers.
Fraser, D. D.....	Potatoes, turnips, carrots, peas, beans and flax do very well, without any care and trouble. If the seed is only sown early, with care and cultivation, the yield is enormous.
Osborne, Daniel.....	Potatoes, 200 bushels from half acre. The yield of turnips and carrots was poor, owing to the drought in the spring. Flax was good. Vegetables did fairly. All cullender vegetables do well here.
Harrison, D. H.....	Potatoes, 300; really magnificent. Also turnips, carrots and mangolds; the latter yield well. Cabbages and cauliflowers do well.
Thompson, S.....	Potatoes, about 350. I had nine waggon loads (about 30 bushels each) of turnips off half an acre last year. Carrots, 500; peas, 50 bushels off two acres one year; beans, 40 to 60; flax 15. All kinds do well here; cabbages, cauliflowers, beets, melons, cucumbers, &c. Onions do splendidly. Tomatoes are not a success; we have lots of them, but they are green yet (September.)
Stevenson, G. B.....	My potatoes are the best I ever saw in this country. Turnip, very heavy yield, also carrots; peas, 30. This equals any country for the growth of vegetation. Have grown beets, onions, melons, citrons, cucumbers, pumpkins, tomatoes, radishes, celery and lettuces.
Stinton, James.....	Potatoes, 400, and peas 40. All garden vegetables usually grown on a farm, grow first class. Onions and cabbages grow extra large and are of fine quality.
Slater, C. E.....	I had a fair crop of potatoes this year. My turnips were poor on breaking. The yield of carrots was good, but frost killed my beans. Carrots, cabbages, onions, parsnips, potatoes and beets are all doing well.
Burgess, J. W.....	Potatoes 500, turnips 1,000. Have also grown beets.
Connerson, James...	Potatoes 200, turnips about 250, and peas and beans from 14 to 15. I think I could raise about 300 bushels of carrots per acre. Vegetables grow first-class. Sweet corn, cabbages, carrots and long and turnips beets grow to perfection; tomatoes splendidly; onions in abundance. Have also grown celery, musk and water melons, &c. Took \$15 prize money two years ago.
Rawson, James....	Yield of potatoes and turnips heavy; carrots are simply immense; peas are not good here, the land is too heavy; beans do well, and flax yields from 20 to 30. This is a splendid country for vegetables. I have also grown mangold-wurtzels, onions, beets, parsnips, tomatoes, cucumbers, melons, citrons, squash, celery, cabbage, cauliflower, radishes, kail, brussels sprouts, lettuce, salsify and mushrooms. I have the Provincial Diploma for the best collection of garden vegetables.

Name.	Answer, in bushels per acre
Chambers, W.....	Potatoes 300, turnips 1,000, and white Belgian carrots 500. Drought affected my peas this year, but they will yield 25; beans do well here. A little capital invested in flax seed culture and the manufacture of twine or cord for our self-binding machines, would result in great wealth. Onions, table carrots, parsnips, beets, turnips, radishes, lettuces, melons, tomatoes, peas, parsley, and all sorts of garden and field vegetables can be grown here to perfection; at least, that is my usual experience.
Bole, J.....	Potatoes 300. All kinds of vegetables do well in the North-West when the ground is properly prepared.
Day, S. D. A.....	Potatoes about 400; turnips 600, and peas 20. Have very fine cabbage, carrots, turnips, beans, parsnips, beets, onions, lettuce, spinach, rhubarb, radishes, cucumbers. Have raised tomatoes and Indian corn, but not with success.
McDonald, W. M.....	Potatoes 500; turnips 1,000, and peas 30.
McLean, J. A.....	Potatoes 400, sometimes more; turnips from 400 to 600. Peas and beans do well. Any and every kind of vegetable does wonderfully well in this country. I believe there is no better country in the known world that can come up to the country for vegetables.
Speers, A. R.....	Potatoes 400, turnips 1,000, peas, 30, flax 40. Carrots remarkably good crop; beans yield splendid.

## The Use of Manure.

Fertilizers are not used in the North-West, for they are not needed, and common manure is used but sparingly. The land is, indeed, in most cases, so rich that the using of it during the first years of cultivation would be apt to encourage the growth of straw, and make the crops too rank. After the second year manure in limited quantities may be used with advantage to prevent any exhaustion of the land.

This is the general experience of settlers to be found related with their opinions on many other useful subjects in an additional pamphlet, to be had free on application to Mr. Begg, Canadian Pacific Offices, 88 Cannon Street, London:—"When you have it, put it on your light land, don't waste it; but it is not necessary for years." One settler, Mr. William Gibson, of Loganstone Farm, Wolseley, says: "I have used manure to a few potatoes to try the effect it had along with others planted without manure, and they did no better with it."

## Stock Raising and the Hay Supply.

The general healthiness of the climate and the favorable conditions for feeding horses, cattle, and sheep, make stock-raising a most profitable industry. The boundless prairies, covered with luxuriant grasses, giving an unusually large yield, and the cool nights for which Manitoba is famous, are most beneficial features in regard to stock; and the remarkable dryness and healthiness of the winter tend to make cattle fat and well-conditioned. The easy access to good water is another advantage in stock-raising.

The abundance of hay almost everywhere makes it an easy matter for farmers to winter their stock; and in addition to this there is, and always will be, a ready home market for beef.

Owing to the abundance and excellence of prairie hay, little has hitherto been done in the cultivation of grasses, though what small quantity is cultivated is largely of the Timothy and Hungarian classes. The average yield of hay per acre is  $2\frac{1}{2}$  to 3 tons; sometimes 4 tons are gathered, and in wet seasons as many as five tons. The crop of 1882 was an abundant one, and was generally saved in good condition, while in 1883 almost a double yield was gathered.

On these points the experience of settlers is especially valuable. Their statements answer the questions: "How many horses and cattle have you? Have you plenty of hay, and do cattle thrive on the wild prairie grasses? How do your animals thrive in winter, and where do you stock them?" For postal address of each settler, see pages 5, 6, 7, 8, 9 or 10.

Name.	Answer.
Dickin, George.....	17 cattle. Can cut 20 tons, and can get other on government land. Cattle do equally as well as they did in pastures in England; they thrive well in winter with the same shelter they get there, pole and hay stable.
Hind, Brothers.....	1 horse and ten head of cattle. Yes. Cattle do well; wintered first-class.
Urton, W. S.....	5 horses and 1 cow. Yes. Cattle do splendidly, better than on English hay. They are stabled in winter during very bad days, but are turned out most days.
Yardly, Henry.....	I have 3 oxen and two yearling steers. I have sufficient hay for 20 head of cattle; they thrive first-class. Last winter I took 12 head of cattle from a neighbour. They came out in the spring equal to when I was in England. I kept them in open sheds with yards winter. My neighbour has his in stables, and they do not do as well as mine.
Philips, S.....	30 horses and 20 head of cattle. Plenty of hay; cattle get fat in summer on the prairie grasses. I house them in a log stable during winter.
Hutchison, A.....	20 head of cattle, 3 horses, 19 sheep and 2 pigs. Yes; cattle get very fat on the prairie grass in summer; they do well in the stable in winter. I fed them on hay alone last winter; this winter I intend using grain and roots in small quantities.
Mercer, Jas. ....	9 head of cattle at the present time. Plenty of hay. Cattle thrive well on wild grasses. I have wintered over twice the above number of cattle. I stable young cattle, large cattle run loose in open-sheds.
Knight, W. G.....	No horses, 45 head of cattle. Plenty of hay. My thoroughbred short-horns have nothing but the wild grasses of the country, and they are in splendid condition, in fact quite fat. I should take a prize for Christmas beef in England; the beef cannot be beaten. Cattle thrive well in winter, on hay only. Some are in stables and some out.
Field, Edward.....	Plenty of hay. Cattle undoubtedly thrive well in winter, and get very fat in summer. Both horses and cattle do well in the winter in the stable at night. Heifers, steers, &c., in open sheds. Native horses and half-bred horses thrive well out on the prairie all winter, if you have no work for them.

Name.	Answer.
Pollard, Alfred .....	A scarcity of hay in this part. Cattle thrive wonderfully. I house them in winter, and feed them on straw, hay, and roots.
Robertson, P. ....	3 horses and 12 cattle. Plenty of prairie hay, and cattle do well on it. They get on well in stable in winter. I let them out every day, if possible.
Cowford, C. ....	67 cattle and 3 horses. Cattle do all that I can wish. I winter them in log stables.
Gibson, Wm. ....	3 horses, 2 colts, 1 pair of oxen, 2 cows, 1 bull and 2 sheep. I have hay in abundance; cut it this summer 66 inches long; and cattle get fat on it without any other seed in winter. I winter cattle in log stables, and they get nothing but hay. Horses have hay, with a little oats.
Bruce, George. ....	18 head of cattle. They do well on prairie hay, and do well all winter.
Middleton, Alex. ....	2 work oxen and cow and 2 calves. Hay has been difficult to put up owing to light crop. Cattle thrive on wild grass. When well housed; they thrive well in winter on hay and water, with a little salt.
Warnock, Wm. ....	3 horses and 15 cattle. I have enough hay for present stock; they do better on wild hay. I winter my horses and milk cows in stable; steers and young stock in shed open to the south, and thrive well.
Reid, Alex. ....	Plenty of hay. Cattle do splendidly on the wild grasses, better than on some hay. They thrive well in winter; I stable them at night and let them out during the day.
Fraser, John. ....	7 head of cattle and team of horses. Plenty of hay, and cattle come out fat with nothing but prairie hay in spring; they do well in stable in winter.
Perley, W. D. ....	I have only a small stock, but they do fine in winter. I have not much hay, but the prairie grass all over the N. W. far exceeds the best quality of cultivated hay in the East. I never saw so fine and fat animals as this prairie grass will make.
Mathoit, Z. ....	18 horses. Plenty of hay; and cattle are doing very well. I winter them in a frame stable, and they do first-class.
McGill, Geo. ....	2 horses, 3 cows, and some young stock. Cattle winter better on prairie hay in this climate than they do in Ontario. A better name for it would be "lawn hay," a quality well understood in Europe. I keep the cattle in rough weather in winter, and they winter easily.
Grimmett, D. W. ....	1 yoke oxen and 2 ponies. Plenty of very nutritious hay. Cattle fatten on it in winter. I can put it up at 200 dols. per ton, and make money. I winter my stock in sod and strew stable, and they thrive well, that is, when I fatten them.
Purdy, Thos. F. ....	6 horses, 4 oxen, 2 cows, and 2 yearlings. Hay plenty in certain localities. Cattle do splendidly; never saw them so fat on grass. I have a barn 16 by 45 dug in bank; it will house 16 head horses and cattle. Loft on top; will hold 10 tons of hay. The cattle do well in winter.
Downie, John. ....	2 horses and 12 cattle. Plenty of hay; cattle fed on the hay here are fit for the butcher in spring. I keep them in winter most generally in stables; they are rolling fat in the spring on hay and water.
McBean, A. ....	15 horses and 50 cattle. Cattle thrive well on wild grasses; I winter them all inside and they thrive very well, where feed can be obtained.

Name.	Answer.
Urrett, Wm. E.....	4 horses and seven head of cattle. Plenty of hay; cattle do better here than on cultivated grasses or in the woods of Ontario. I stable them at night in the winter and keep them in a yard in the daytime; they thrive well. I milked my cows nearly all winter, bull and young stock lived at the straw stack all winter.
Doyle, W. A.....	2 horses and 47 head of cattle and hogs. Plenty of hay; my cattle do not seem to want anything but the wild hay if well cured, and they winter well without buildings if in tinchel out of wind. The working bullocks, milk cows and calves are stabled in winter, the balance have sheds as windbrakes severely, and a belt of tinchel to shelter from winds also.
Lang, Robt.....	10 horses and 35 horned grades which do well. Plenty of hay. Never saw cattle do better; my stock does well in log stables during winter.
Riddle, Robt.....	2 horses and head of cattle. I have an abundance of hay. Cattle do well. I winter my stock in the open-air sheds, and they thrive well.
Pollock, John.....	I have a yoke of cattle. Plenty of hay, and cattle do very well on it without grain. They do splendidly in winter in a stable of sods or logs.
Powers, C. F.....	10 horses, 10 cattle and 20 sheep. I have 20 acres of Timothy, plenty of wild hay. Cattle all do well. I winter my stock in stables made from logs, covered with straw. Cattle and sheep do better than in Ontario.
Rutherford, J.....	2 horses, 1 yoke of oxen, 3 cows, 2 two year olds, 1 one year old, and 5 calves. I winter my stock in the house when very cold, otherwise let them have their liberty, as stock thrive best to get their liberty to move about.
Bobier, Thomas.....	I cut 100 tons of hay (handless). Thousands of cattle in Ontario, and had 600 acres under pasture there, but never had cattle do so well in Ontario. Cattle and horses do very well in winter, and the great reason is that there are no rain or sleet storms here during winter. I winter my stock in a stable built of poplar posts sunk in ground, sided with lumber and sodded, covered with poles and straw.
Little, James.....	All kinds of stock do well here. There is all the hay that I require. I winter my stock in stables, and some out of doors where there is shelter.
McKnight, R.....	4 horses and 29 cattle. Any amount of hay. Cattle do well on prairie grass. In winter I stable my stock at nights, and run out during days; they are no trouble to keep fat.
Vandervoort, Geo...	3 horses and 2 cows. There is a goodly supply of hay, and cattle thrive better on wild hay than they do on cultivated. In winter I stable horses and milk cows, but let the young run in an open shed around the straw stack. They thrive splendidly, only I think horses require a little more grain than they do in Ontario.
Black, G. R.....	9 horses and cattle. No hay, but cattle do exceedingly well on the wild grasses. I stable my stock in winter with straw and a little grain. I have no trouble.
Howey, Wm.....	4 horses, and 8 head of cattle; lots of hay; cattle keep fat on it all the winter. I winter my cows in stables, young stock outside, and they do well.
Gilmour, H. C.....	We have a team of horses, and 28 head of cattle. We have plenty of hay, and cattle do exceedingly well on it. They winter well in a log stable on the open prairie.
Hartney, J. H.....	11 horses, 2 mules and 4 head cattle. Plenty of hay, and horned cattle thrive exceedingly well on prairie hay. Up to this time I have wintered my stock in log stable, covered with poles and straw, and they thrive well.

Simp

Elliot

West  
and  
else  
hasgive  
5, 6,Dicke  
Urton  
Yard  
Hute  
Proct  
Merc  
LawrPolla  
Robe

Upjo

Harw

Name.	Answer.
Smart, George.....	2 horses and 5 cattle. Plenty of hay, and cattle thrive well on wild grass. In winter I feed my stock on prairie hay, and let them run at straw stack. They are as fat in the spring as in Ontario in the fall.
Elliott, T. D.....	13 horse kind and 10 of cattle. Plenty of hay, and cattle do well. They all do well in winter in sheds made of straw.

## Sheep Raising.

Sheep-growing is now becoming an important industry in the Canadian North-West, and the climatic conditions are such as to render the yield of wool much finer and the fibre considerably shorter than that from the same class or breed of sheep elsewhere. Sheep have been entirely free from disease in the North-West, and foot-rot has never occurred so far as can be ascertained.

“Do sheep thrive in the Canadian North-West, and is sheep-raising profitable?”

*In answering this question 57 settlers replied “Yes.”* The replies of the others are given below. The full name and postal address of each settler are given on pages, 3, 4, 5, 6, 7 or 8.

Name.	Answer.
Dickens, G.....	Yes, only cannot get them here to suit the settlers in small lots.
Urton, W. S.....	They thrive well and are very profitable.
Yardley, H.....	In my opinion sheep will do well; very profitable.
Hutchinson, A.....	Am testing the above now, and believe they will both thrive and be profitable.
Proctor, H.....	Very profitable and do well.
Mercer, J.....	Yes, sheep thrive well and are profitable.
Lawrence, J.....	Yes. I don't think there is anything that will pay better. They do much better than in England or Ontario.
Pollard, A.....	Should like to go in for this branch largely, if means were forthcoming.
Robertson, P.....	Sheep require a great deal of attention in this country. No doubt they could be raised to pay well here.
Upjohn, F.....	In this location they do well. No stock pays so well, and they are neither trouble or cost.
Harward, F.....	Sheep are scarce, but do well. I find them unprofitable for want of mills in my neighborhood.

Name.	Answer.
McGhee, J.....	They do very well. Sheep raising is very profitable.
Bruce, G.....	Sheep thrive well here and are very profitable.
Warnock, Wm.....	Yes; have found them do splendidly, with fair profit.
Fraser, John.....	Yes, sheep do well; very profitable.
Grang, J.....	Yes, for those who have capital to put into it.
Purdy, T. F.....	Sheep do well; very profitable at present.
Davis, W. H.....	Sheep thrive well, but would not pay in this part yet, as there are no woollen manufactories in this part.
Rogers, T.....	Sheep, I feel sure, will do well, and be profitable.
Downie, J.....	The best sheep I ever saw were raised in Manitoba. I saw mutton with three inches of fat on the rib. Sheep raising is profitable.
Anderson, George...	I have some sheep; they thrive well, and would be profitable.
Young, J. M. L.....	Sheep do well in some parts, but the spear grass in some places gets into their wool, and is severe on them.
Doyle, W. A.....	Yes; will be profitable when market for wool is obtained.
Armstrong, Geo.....	Yes, particularly well, being profitable for mutton.
Walker, J. C.....	Sheep do well and pay well.
Riddle, R.....	They thrive well and are profitable.
Wat, J.....	Yes, if we had a market for wool.
Powers, C. F.....	I think the most profitable of any stock.
Rutherford, J.....	Thrive well and are profitable to those who have them.
Carter, T.....	Where there is no spear grass they do well and pay well.
Robier, T.....	They do well, and will pay the man that raises them, as the wool and meat are needed in the country.
Warren, R. T.....	Thrive well.
McKnight, R.....	Sheep do well, they are a paying stock.
Chambers, S. W.....	Sheep thrive well. Nothing I know of would be profitable.
Patterson, A.....	Sheep thrive well, and I think would be profitable if there were more.
Little, J.....	Sheep thrive well and are very profitable.
McLennan, T.....	Yes, sheep thrive, and sheep raising is profitable. It would be more so if there were wool factories in this neighborhood. Good inducements for some enterprising man.
McKenzie, D.....	Sheep do well; they are profitable.
Gilmour, H. C.....	I have a small flock of sheep, and they do exceedingly well. I think it very profitable.
Oglotree, F.....	They thrive well, but I do not consider them very profitable at present.
Harris, J.....	Sheep have been tried in this country and do very well, and are profitable.
Smart, G.....	Yes; no demand for wool, as yet, in this part, else it would pay better.
Elliott, T. D.....	This is a first class sheep country.
Shirk, J. M.....	Yes, it is considered profitable.
Chester, A.....	There are not many sheep here. What there are do well.
Lambert, W. M.....	Sheep do well and are profitable.
Boulding, G. W.....	Do well, with profit.
McIntyre, J.....	Sheep thrive well and are profitable.
Wagner, W.....	Yes, and pay well. Farmers get from 12 to 14 cents per pound in carcase.
Nelson, R.....	Yes, they do well and will pay.
Stirton, J.....	Sheep do splendidly, and pay better to raise than any other stock.
Cox, J. T.....	Sheep thrive well in different parts of the country.

McDon  
Wilson,  
Heaney,  
Fargey,  
Conners  
Rorison,  
McKen  
Kenned  
Harris,

Bartley,  
Chambe  
Garratt  
Todd, I

Sutherla  
Hoard,  
Speers,  
Cox, W

Th  
what h  
where  
North-  
As  
class m  
or seve  
conside  
Pou  
dryness  
and th  
return.  
It  
among  
Provin  
measur  
after t  
force t

Name.	Name.
McDonnell, D.....	Sheep raising is very profitable, if on a high scale.
Wilson, J.....	They thrive well.
Heaney, J.....	Do very well and pay well.
Fargey, J. H.....	It is a first-class country for sheep raising.
Connerson, J.....	Yes, very well and profitable by keeping them dry in winter.
Rorison, W. D.....	No, unless on cultivated land.
McKenzie, K.....	They thrive well and will be profitable.
Kennedy, T.....	Yes, I believe it would be profitable if properly attended to.
Harris, A. B.....	They thrive well, but get too fat to breed to advantage. No fair trial has yet been made in this vicinity.
Bartley, N.....	Sheep are considered very profitable and thrive well.
Chambers, W.....	All the sheep I have seen are doing well and will be profitable.
Garratt & Ferguson.	Yes, they thrive well and it will be profitable to keep them.
Todd, P. R.....	Our sheep do exceedingly well; they run the prairie in summer, and are under shed in winter.
Sutherland, W. R....	Sheep thrive well and are profitable.
Hoard, C.....	They do splendidly.
Speers, A. R.....	Yes, very profitable.
Cox, W.....	Sheep thrive very well and are found to be very profitable.

## Horses, Pigs and Poultry.

The raising of horses has not as yet assumed any considerable proportions, though what has been done in this direction has met with success. There are few countries where the horses have such immunity from the diseases of stock as they have in the North-West.

As to pigs, the Berkshire breed seems best suited to the country, as the pigs of this class mature rapidly and fatten easily, living on the grass and making good pork in six or seven months with proper feeding. The breeding and fattening of pigs increased considerably in 1882 and subsequent years, and no disease was reported among them.

Poultry do exceedingly well in the North-West, especially turkeys, owing to the dryness of the climate. Manitoba is itself the home of the wild duck, goose and chicken, and those who devote care and attention to the raising of poultry are sure of a good return.

It is important to add that no disease of a contagious or infectious character exists among the cattle and sheep of the North-West, and that every care is taken by the Provincial Government to promote the interest of breeders. Among the more recent measures adopted is the appointment of veterinary surgeons in each county, to look after the interests of stock raisers, and to carry out the stringent regulations now in force to prevent the introduction of disease among cattle and horses.

## Raising of Bees.

Apiculture is successfully carried on in the North-West, as bees require a clear, dry atmosphere and a rich harvest of flowers; if the air is damp, or the weather cloudy, they will not work so well. Another reason why they work less in a warm climate is that the honey gathered remains fluid for sealing a longer time, and if gathered faster than it thickens, it sours and spoils. The clear bright skies, dry air and rich flora are therefore well adapted to bee culture.

## Fruits.

Wild fruits, attaining to great perfection, abound in Manitoba and the North-West. Wild plums, grapes, raspberries, gooseberries, strawberries, cherries, cranberries, and other berries of various kinds abound and are of luscious quality. Little attention has hitherto been paid to fruit growing, owing to the time of settlers being too much occupied with the important work of erecting buildings, and getting their lands fairly under cultivation, but as the general improvement of the farm progresses, fruit culture will doubtless receive its due share of attention. Following are but a few representative statements from farmers on the subject; a remarkable array of testimony on the subject may be found in the pamphlet to be had free on application to Mr. Begg, Canadian Pacific Railway Offices, 38 Cannon Street, London, E. C.

"Strawberries, currants, gooseberries, raspberries, and in fact all small fruits, bear in the greatest abundance and give every promise of being very profitable.

"W. A. FARMER, Headingly.

"Planted twenty apple trees two years ago, which are growing very well.

"ARTHUR J. MOORE, Nelsonville.

"I have over 1,000 apple trees doing very well, and also excellent, black currants.

"JAMES ARMSON, High Blain.

"Strawberry, raspberry, brambleberry, gooseberry, black currant, cherry, cranberry, saskatoonberry and others. Mrs. Gibson has made over 100 lbs. of jelly this summer from wild fruit.

"WILLIAM GIBSON, Logaustone Farm, Wolseley.

"I planted this spring currants, gooseberries, and mulberries, and so far they are doing well.

"JOHN PRAT, Rounthwaite.

"Currants, gooseberries, strawberries, plums, cherries, raspberries, huckleberries, in profusion. Only commencing with apple trees and cultivated fruits; going in for a nursery.

"THOMAS ROGERS, Railway View Farm, Moose Jaw.

"Plums, black, white, and red currants, strawberries, raspberries, and saskatoons. Rhubarb does remarkably well.

"W. F. SIBERT, Glendale P. O."

## Hops.

Wild hops, pronounced by brewers to be of excellent quality for brewing purposes, attain to a luxuriant growth in nearly every portion of Manitoba, the soil and climate being apparently thoroughly suited to them. Hops from these parts have for some time past commanded good prices, and the cultivation of the hop plant is believed to be most profitable to the grower. A resident settler, writing on this subject, says:—

" Hops will do well cultivated. I have planted wild hops out of the bush into my garden along the fence and trained on poles, bearing as full and fine and as large as any I ever saw at Yalding and Staplehurst, in Kent, England.

LOUIS DUNESING (EMERSON)."

## Flax and Hemp.

These important crops cultivated to a considerable extent by old settlers many years ago, the produce being of excellent quality; but the universal complaint at that time was the want of a market, or of a machinery to work up the raw material, and this led them to discontinue this important branch of husbandry. Its cultivation has been renewed extensively by the Russian Mennonite settlers, on whose reserves in the southern portion of Manitoba a considerable quantity is produced. At West Lynne alone over 6,000 bushels were brought in during the first week in December, alone, in one year, averaging .80c (3s. 4d.) per bushel. Flax is peculiarly suited to the province, and so much is this felt that an English capitalist has started in Winnipeg an extensive linseed-oil mill. This fact and the demand for flax seed that must necessarily arise, will still further increase the area of its cultivation. It can only be raised successfully in a cool region, the warm climates of the south causing the bark to become brittle and hard, and the rapidity with which it there matures preventing the lint from obtaining consistency or tenacity. On account of their extremely favourable climate for this cereal, Manitoba and the North-West territories are likely to prove formidable rivals to northern Europe in its cultivation.

## SPORT IN THE NORTH-WEST.

The autumn months afford a good opportunity for hunting and sport among settlers and visitors to the Canadian North-West. Useful hints are given on this question in the general pamphlet, "Manitoba and the Canadian North-West." From these it will have been seen that for the English sportsman there is no lack of opportunity for excellent hunting, and it will therefore be of general interest to supplement the particulars already published by the following notes on the game and fish of the country, from the pen of the President of the Manitoba Gun Club:—

**DUCKS.**—Manitoba and the North-West Territories are the nursery for nearly all kinds of the duck species, and breeding-grounds for almost all the migratory birds of North America. Instinctively taught, they begin to arrive as soon the snow disappears, and remain until the ice coats the lakes and rivers. Led by nature, they come in full plumage, build their nests, hatch their young, and draw numerous sportsmen from the Eastern Canadian Provinces and England to the otherwise deserted districts. The different varieties are as follows:—Mallard, canvas-back, red-head or pochard, grey duck, black duck, teal, widgeon, pin-tail, shoveller, buff-head wood duck, blue-bill, shell drake and many other well-known species. These are our regular visitors.

Within twenty miles of Winnipeg they can be found in myriads. Headingley Marsh, English Lake, Long Lake, Lake Manitoba, Selkirk, and Oak Point are all rendezvous of our ardent sportsmen: while the numerous lakes and coulees around Indian Head, down the Qu'Appelle valley, and across that part of the country, would seem to be their home. Even on the regular track from Prince

Albert to the Mission, the traveller does not turn out of his way to find them, and unconsciously exclaims. "Where do they all come from?" Our native game birds are not so numerous, but are rapidly increasing, under the protection extended to them during the breeding season by our Game Laws. They include the pin-tail or sharp-tailed grouse, pinnated grouse or prairie chicken, ruffe grouse or partridge, and ptarmigan. In flavour, the flesh of the pin-tail surpasses that of all the grouse family.

**WILD GEESE.**—These are not native birds of Manitoba and the North-West Territories. Churchill and James Bay (lat. 50 deg. 30 min. N.) seem to be their favourite breeding haunts, though in their migratory flight, they remain several weeks feeding upon the stubble, and afford excellent sport for the lover of the gun. The Snow Goose or Wyvis is a passing visitor, stopping only to feed or to take in ballast in its flights to and from the Northern Lakes; when feeding among the stubble they root up the vegetation and plough the grounds as if a herd of hogs had been at work. The Canada Grey Goose, the premier goose of the world, is by far the most numerous—for nearly two months they pass in immense flocks, grazing in the stubble fields, and affording great amusement to the ardent sportsman.

**SMALL GAME.**—The smaller game birds are plentiful, and include Wilson's English Snipe, Curlew, Golden Plover, and Fallow Rape. They may be designated native birds, being found from April to October.

**RABBITS.**—Jack Rabbits are very numerous and met with in every part of Manitoba and North-West Territories, notwithstanding the great havoc made among them by the unerring aim of the Indians, Half-breeds, and other sportsmen. Hares are also numerous.

**THE DEER TRIBE.**—These Provinces are abundantly supplied with Moose, Elk, Cariboo, Black-tail, or Jumping Deer Antelope; and in the Rocky Mountains wild Sheep and Goat.

The **BUFFALO**, once so numerous, is almost extinct, though a few are found near Wood Mountain, North-West Territories.

The **MUSK OX** inhabits the districts lying on the Peace and McKenzie Rivers.

**BEAR.**—The Common Black Bear is very common indeed, while its relation, the Grizzly Bear, is sometimes met with in the Rocky Mountains.

**FISH.**—Few countries in the world afford greater sport to the disciple of Isaac Walton than this part of Canada. The various lakes and rivers teem with an endless variety of the finny tribe, but their capture seems to be left alone to the Indians and Half-breeds; the white settlers preferring the gun to the rod.

Lakes Manitoba, Winnipeg, and in fact all our large sheets of water abound with White Fish, Salmon, Trout, Pike, Maskinonge, Perch, Sturgeon, Bass, and many other kinds of the fish species, while the rivers are stocked with Gold Eye, Bass, Suckers, Cat-fish, and Pickerel.

The writer of this has traversed the greater number of the Canadian Provinces and many of the Northern States in pursuit of game, but Manitoba and the North-West Territories excel them all in quantity of game and ready access to hunting grounds.

The following extracts from private letters of some English and American gentlemen, who last year engaged in sport in the Canadian North-West, may be of interest to those who contemplate following their example. Writing on November 23rd, 1885, two English gentlemen say:—

"We could not have hit upon a better part of Manitoba for large game or small. We were, of course, very fortunate in seeing so many Moose, but then the Moose were there, and any one can do the same with ordinary perseverance. There is no doubt whatever about Lake Manitoba being a

grand shooting-ground, with its swarms of ducks and geese. We were immensely struck with the climate. It is curious that in spite of the low temperature during the end of our stay, though the lake was frozen a mile out and more, we never felt the cold at all, and yet in England it would be quite impossible to stay out like that under canvas at the end of November."

Another gentleman, Mr. J. Maughan, of Toronto, writes on January 12th. 1886 :—

"Messrs. Ward, Warin, Small and myself left Toronto on the 19th of September, by the Canadian Pacific Railway, for Winnipeg, where we arrived on the 22nd, after a very pleasant passage, and receiving every attention from the employés of that railway, and the captain and officers of the steamboat "Athabasca." On the 23rd our party left for Westbourne Station on the Manitoba and North Western Railway, and from there drove out to our camp on the southern shore of Manitoba Lake, near the mouth of White Mud river (filled with fish, such as maskelonge, pickerel, and pike, some of immense size, where we found everything ready for our stay. The weather was too warm for keeping game, so that for some time we amused ourselves fishing, and going through the marshes to get at the lay of the place for shooting when cold weather should begin. For several weeks the change in the temperature did not take place, but the section abounds with game, and we made up for lost time in getting to work. Thirty days' shooting produced a bag of 2,825 ducks (all nearly Mallards, grey ducks, and Gadwells), 16 geese, and a quantity of large plover, partridge, rabbits, &c., and even then the residents on the adjoining farms to the marshes informed us that the season was a poor one for game, on account of the water being unusually low. A more beautiful section of country could not be found than the belt of land extending south of the lake, in extent about 30 miles long by 16 wide, cultivated by good farmers who have lived from fourteen to twenty-three years there and grown rich."

A more delightful or healthy climate cannot exist in any part of the world if we may judge by this last fall's weather. In two months there was only one rain-storm, lasting for part of a day and night, the rest clear sunshine.

Two other English gentlemen writing from London on December 1st, 1885, speak of their sporting trip in the Canadian North-West, as follows :—

"Our sport was of the highest order. We found wild geese, swans, ducks and plover in unlimited quantities; of moose and elk we saw many and got seven. None of us ever before saw a moose alive. Four of the specimens shot were extremely large. We were very much impressed with the climate so clear and bright with almost continual sunshine. We slept out up to the 10th October under a canvas tent and not one of us had a cold. If we had done this in England, many unhappy results would have occurred. We have left all our outfit at Lake Manitoba and intend returning with a large number of our friends next season and would like also to go to the Mountains where we have heard much of the sport.

## Markets.

Small centres of trade are continually springing into existence wherever settlements take place, and these contain generally one or more stores where farmers can find a ready market for their produce. The stations along the line of the Canadian Pacific Railway are not more than eight or ten miles apart, and the liberal course adopted by the railway company in dealing with persons willing to undertake the erection of elevators for the storage of wheat and other grain has led to the establishment of a large number of these warehouses along the line of the Railway in Manitoba alone. These have a total capacity of over 1,500,000 and enable farmers to dispose of

their grain at good prices almost at their doors. A glance at the map demonstrates that Manitoba, *via* the Canadian Pacific Railway, will have closer connection with the seaboard than Minnesota, Dakota, or any of the more Western States now have with New-York; so that the export of grain from the Canadian North-West at remunerative prices is assured. The very large influx of people, and the prosecution of railways and public works will, however, cause a great home demand for some years, and for a time limit the quantity for export.

### Success of Settlers.

“Are you satisfied with the country, the climate, and the prospects ahead of you?” This is, after all, the most crucial question. For what are enormous yields and substantial profits, if the country cannot be made a home—a resting place of comfort, of independence and of freedom? There are, of course, drawbacks in the Canadian North-West, and in these pages the settlers speak their own minds fully on these points. But what country under the sun has not some drawbacks? If so, it were indeed an earthly paradise. How will old England or bonnie Scotland stand in the matter of drawbacks? The point is this: Are the drawbacks of the Canadian North-West anything approaching in importance those under which I am now living? Is the North-West a desirable place for settlement in my own peculiar circumstances? Can I hope to live there with greater comfort and less anxiety for the future of myself and my children than in the old country? No impartial reader will have difficulty in answering for himself by the aid of these pages.

In regard to the replies to this particular question, it should be borne in mind that the Canadian North-West is an immense country. Its perfect development is naturally a work of some time. Railways have been during the past year or two built there at a rate perhaps unknown in human history and the work still proceeds. But there must yet be districts without immediate contact with the iron horse, though another year may see these very districts the centre of a system as has been the experience in the past. It is of course natural that each farmer should want the railway running through his farm and even close to his own door. But such a thing is impossible even in long established Britain; how can it be expected in newly-settled Canada? It rests with each intending settler to choose his own land; there is still ample to be had with good railway facilities.

In answering the question, *Are you satisfied with the country, the climate, and the prospects ahead of you?* 84 farmers replied simply “Yes.” Following are the answers given by others. Their postal addresses are given on pages 3, 4, 5, 6, 7 or 8

Name.	Answer.
Urton, W. S.....	Very well satisfied.
Yardley, H.....	Yes, I am quite satisfied. If I had more capital, could make a fortune in a few years.
Hutchison, A.....	Perfectly satisfied.

illustrates  
with the  
have with  
enerative  
ways and  
nd for

of you?  
and sub-  
mfeit, or  
n North-  
nts. Pro  
n earthy  
whacks?  
pproach  
desirable  
ere with  
an in the  
lf by the

mind that  
naturally  
ilt there  
nt there  
another  
ience in  
rinning  
ble even  
? It rests  
ad with

ate, and  
are the  
6, 7 or 8

s in a few



WINSTON IN 1914

Fishe

Field,

Lawr

Scree

Upjoh

Harwa

Came

Lothia

McGl

Bruce

Bell,

Middl

Warne

Reid,

Fraser

Grang

Perley

Knoc

Miller,

Webst

McGill

Grimm

Purdy,

Davis.

Rogers

Smith,

Downie

Kines,

Ingram

Anders

Young,

McRae

Oliver,

Lang, E

Sheppa

Stevens

Amstr

Deyell,

Walker

Name.	Answer.
Fisher, H.....	Settled in June, 1884; more residence is necessary to answer this question, but I think with capital a man will do well.
Field, E.....	Very.
Lawrence, J.....	I am well satisfied with the country and climate.
Screech, J.....	Perfectly satisfied.
Upjohn, F.....	Yes, very.
Harward, F.....	Yes, fairly so.
Cameron, W. C.....	Yes, by all means.
Lothian, J.....	Perfectly satisfied with the country, and prospects are fair.
McGhee, J.....	Very. Prospects good.
Bruce, G.....	Satisfied.
Bell, C. J.....	Yes, very well.
Middleton, A.....	I am quite satisfied with the country, climate and future prospects.
Warnock, W.....	Yes. Except to go on a visit, I have no desire to go back to the Old Country.
Reid, A.....	Yes, I am perfectly satisfied, if only a little more railway facility in this district (Milford).
Fraser, John.....	Yes, perfectly contented and good prospects ahead.
Gang, J.....	Yes, if we had railway communication to this place (Cartwright).
Perley, W. D.....	Remarkably well. It is a most wonderful country, and with energy and perseverance skilfully directed a fortune can be made soon.
Kinncar, J. H.....	Well satisfied.
Miller, Solomon.....	I am well pleased with the country and climate, and if we had a railroad here (Alameda) I would be well pleased with my prospects.
Webster, A.....	Yes, fully.
McGill, G.....	Yes. So far as climate, it is more desirable than Great Britain or Ireland on the whole. Winter is clear, dry and healthy; no need of umbrella, mud-boots or top-coat round home.
Grimmett, D. W.....	Well satisfied.
Purdy, T. F.....	Very much indeed. I think this will be a great country.
Davis, W. H.....	We require railway facilities in this place (Crystal City).
Rogers, T.....	Perfectly satisfied.
Smith, Wm.....	I am satisfied.
Downie, J.....	Perfectly satisfied, and would not go back to Ontario to farm if paid for it. There is not half the hard work here that there is in Ontario.
Kines, Wm.....	Satisfied with country and climate.
Ingram, W. A.....	I am. In this locality (Milford) we want a railroad, or a market where we can go there and back in one day.
Anderson, J.....	Certainly satisfied. All we want is railway facilities to this place.
Young, J. M.....	I am perfectly well satisfied.
McLae, R.....	Yes, you bet I am.
Oliver, T.....	Yes, I am, if we had railways through the county (Burnside).
Lang, R.....	Perfectly.
Sheppard, J.....	I am. Although 62 years of age I am determined to make this my home for the future, as it is a farming country.
Stevenson, F. W.....	Perfectly with all. Lovely weather is the rule here.
Armstrong, Geo.....	Yes, fully.
Deyell, J.....	I am, if we had a branch railway here (Plum Creek, Souris).
Walker, J. C.....	Perfectly.

Name.	Answer.
Robertson, P.....	I like the climate, the only drawback is the rather long winter.
Blackwell, J.....	Am satisfied with the country and climate, but the country wants more railroads to make it prosperous.
Honor, T. R.....	I am satisfied with the climate and natural resources of the country and my own prospects ahead.
Hope, G.....	Well satisfied.
Malcolm, A.....	I have no reason to be dissatisfied. There are drawbacks here as well as in other countries, but I know of no place where I can go to better myself.
Pollock, Jno.....	I am very well satisfied in every respect.
Reed, F. J.....	Well pleased.
McGregory, D.....	No.
Powers, C. F.....	Three sons and myself all well satisfied with the country.
Rutherford, J. (J.P.)	I am, and have great confidence in the future of the country.
Carter, T.....	Right well.
Bobier, E.....	I consider it ahead of Ontario for farming and health. I am well pleased with the country, or I would not be here if I was not.
Little, Jas.....	Yes; I find this country ahead of Ontario and better for crops and stock.
McKitrick, W.....	The country and climate are better than I expected; the scarcity of timber and railroad facilities are drawbacks to this part (Crystal City).
Taylor, W.....	Satisfied.
Warren, R. J.....	Yes, as I was worth 80¢ when I came, and now I am worth 1,400¢.
McKnight, R.....	Perfectly satisfied and prospects are good.
Troyer, C.....	I am, with one exception, railway facilities to this place (Alameda).
Vandervoort, G.....	I am well satisfied with everything, even to the C. P. R.
Wood, J. H.....	Perfectly.
Chambers, S. W.....	Yes, more than satisfied.
Baily, Z.....	Perfectly satisfied.
Little, J.....	Perfectly satisfied.
Black, G. R.....	The country and climate can't be beaten: the prospects are fair.
McCroquodale, C.T.C	Entirely so.
Wright & Sons.....	Well satisfied.
Whitney, C.....	I am well satisfied.
McLennan, T.....	Yes, very well satisfied with the country, climate and prospects, if we only got the railway to this place (Asessippi).
McKenzie, D.....	I am well satisfied.
Fraser, D. D.....	Certainly.
Gilmour, H. C.....	I am very well satisfied with the country.
Drew, W. D.....	I am well satisfied, and have unbounded faith in the future of the country.
McKellar, D.....	Satisfied.
Hartney, J. H.....	Perfectly, if we had a branch railway to this place (Souris).
Ogletree, F.....	I am well satisfied with the country, the climate and prospects ahead. I would not change under any consideration.
Harris, Jas.....	Yes, very much.
Smart, G.....	Yes, if we had a market and railroad here (Holland).
Shirk, J. M.....	Personally, not exactly, as I have been rather unfortunate in losing animals, &c., but think the general prospects are good.
McAskie, Jas.....	Very well; the winter is pretty cold; the spring, summer and fall are delightful.
Osborn, D.....	Very well satisfied.

Name.	Answer.
Harrison, D. H.....	Very much, would not leave.
Chester, A.....	I am well pleased with the country, the climate is good, and I am sure this must be a grand country yet.
Bonesteel, C. H.....	Very well satisfied as yet.
Nugent, A. J.....	All right, if change in Government policy, still I am a good Conservative.
Obee, F.....	I am well satisfied.
Anderson, George...	I am thoroughly satisfied with the country and climate, and my prospects are good.
Kenny, D. W.....	Perfectly satisfied at present.
McDougall, A. G....	With the country decidedly, but want a little more capital in my business.
Muirhead, T.....	I am quite satisfied.
Barnes, F. A.....	Yes, and prospects are good ahead.
Lambert, W. M.....	Yes, they are all that can be desired.
Bowes J.....	Most decidedly.
Champion, W. M....	This country has done well for me.
Boulding, G. W.....	Very much.
Tate, J.....	Am satisfied with country and climate.
McMurty, T.....	I am satisfied with the country.
McCaughey, J. S...	Yes, I am ; all we want is a railroad to this part (Alameda).
Taylor, Wm.....	Well satisfied.
Stevenson, G. B....	Yes, well satisfied.
Wagner, W. (M.P.P.)	Yes, very much.
Beaslip, J. J.....	Yes, perfectly, if we had a railroad here (Alameda) ; otherwise no.
Nelson, R.....	As to country and climate, yes ; As to my own present prospects, no.
McIntosh, A.....	I have no reason to complain.
Sirton, J.....	Quite satisfied with the country and climate, but want free trade in lumber and machinery, and the Hudson Bay Railway.
Bolton, F.....	Yes, winters are a little too long ; but think this country equal to any.
Morton, T. L.....	Most decidedly so.
Campbell, R.....	Yes, if the Government would see fit to remove the duty off implements. I think it would be all right.
Cox, J. T.....	Yes, well satisfied.
Sifton, A. L.....	Perfectly satisfied with country and climate. The only drawbacks are want of additional shipping facilities, and high tariff on implements.
McDonell, D.....	Yes, very satisfied.
Wilson, Jas.....	With the country and climate, yes.
Kemp, J.....	Yes, the country and climate are first-class.
Paynter, J. E.....	Not entirely.
McGee, T.....	I am. I came to the country without any experience, and am well satisfied with it.
Heaney, J. ....	I am very well satisfied.
McEwan, D.....	Yes, perfectly.
Slater, C. B.....	Yes, perfectly.
Fraser, J. S.....	Yes, if we had a railroad here (Beulah).
Connerson, J.....	Yes, I feel happy, and all my family, six sons, four daughters, and twenty grandchildren. All in Manitoba ; all well and happy.
Rayson, .....	With the country and climate, yes.

Name.	Answer.
Nickell, W.....	Fairly well satisfied with the country.
Harris, A. B.....	I am, if we get railway accommodation here (Beulah).
Bartley, N.....	Yes, providing we can get market and railroad facilities here (Wattsviow).
Chambers, W.....	If I were not satisfied I would have left long ago.
Paynter, W. D.....	Yes if we get railway accommodation here (Beulah).
Hayter, W. H.....	Yes quite satisfied.
Parr, J. E.....	Yes, very well.
Wright, C.....	The country is all right, but we want more railways in this part (Beaconsfield).
Garratt & Ferguson	Quite satisfied, if we can get our grain sold at satisfactory prices.
McLane, A. M.....	I have faith in the whole country.
McLean, J. A.....	I am satisfied with all of them.
Bedford, J.....	I should like it better if December, January and February were warmer.
Todd, P. R.....	Well satisfied. Only objection is a little too hard frost; storms are nothing like what I expected.
Boddrick, R.....	I do not know where I could better myself.
Tulloch, A.....	Perfectly satisfied.
Speers, A. R.....	Yes, perfectly.
Cafferata & Jefferd	Certainly.
Connell, R.....	Satisfied with the country and climate.
Cox, W. T.....	Yes. Our only drawback is the lack of local railway facilities (Milford).

**The Class of Settlers now in the North-West.**—The great number of Settlers come from the Eastern Provinces of the Dominion, Ontario contributing by far the largest portion composed principally of the very flower of her agricultural population. The arrivals from Europe are principally English, Scotch, and Irish, including tenant farmers, laborers, servants and others, most of whom readily adapt themselves to their new life. There are also a good number of Germans and Scandinavians, hard-working, law-abiding citizens, whose co-patriots have proved themselves to be among the most valuable settlers in the United States. Some settlers are contributed by the American Union, a small portion being repatriated French-Canadians, principally from the State of Massachusetts, and the balance, farmers and farmers' sons, almost entirely from the Western States, while there is also a large settlement of Russians, Mennonites, and Icelandics, who are now comfortably settled, contented and prosperous, the last named having formed an Icelandic settlement at Big Island, Lake Winnipeg. The French-Canadians settled along the Red River, who emigrated from Boston and other cities in the New-England States of America, are reported to be in good circumstances, and, their crops having yielded largely, their prospects are excellent. Speaking generally, the people of the North-west are highly respectable, orderly, and law abiding.

**Farm Labour.**—It is difficult to give definite information on this point. There is no doubt it has been high, especially during harvest time, when there is a great demand for men to take in the crops, but the very large number of people going into the country during the past few seasons has tended materially to reduce the scale of wages. One point should be remembered—that the farmer in Manitoba, with his im-

mense  
still fl

C  
ches of  
a settl  
clergy

S  
about  
school  
educat  
genera  
only  
section  
which  
each  
appoint

M  
ment  
hes as  
sation  
late th  
direct  
by the  
system  
ment,  
truth

Th  
pamph  
to plac  
tural c  
public

C.  
consid  
less, n  
come  
could  
to get  
stead,  
and h  
belief.

mense yield and fair prices, can afford to pay a comparatively high rate of wages, and still find his farming very profitable.

**Churches.**—The utmost religious liberty prevails everywhere in Canada. Churches of nearly all denominations exist and are in a flourishing condition, and where a settlement is not large enough to support a regular church, there are always visiting clergymen to do the duty.

**Schools.**—Means of education, from the highest to the lowest, everywhere abound in the Dominion. The poor and middle classes can send their children to free schools, where excellent education is given; and the road to the colleges and higher education is open and easy for all. In no country in the world is good education more generally diffused than in Canada. It is on the separate school system, and receives not only a very considerable grant from the local government, but there are also two sections in each township set apart by the Dominion Government, the proceeds of which, when sold are applied to the support of schools. There is a superintendent to each section, and teachers are required to pass a rigid examination before they are appointed. A high class of education is therefore administered.

**Municipal Government.**—There is a very perfect system of municipal government throughout the Dominion. The North-West country is divided into municipalities as fast as settlement progresses sufficiently to warrant it. These municipal organisations take charge of roads and road repairs—there being no toll charges—and regulate the local taxation of roads, for schools, and other purposes, so that every man directly votes for the taxes he pays; and all matters of a local nature are administered by the reeve and council, who are each year elected by the people of the district. This system of responsibility, from the municipal representative up to the General Government, causes everywhere a feeling of contentment and satisfaction, the people with truth believing that no system of government could give them greater freedom.

## Last Words of Settlers.

The last request made of settlers in the course of the enquiries dealt with in this pamphlet was that they would supply such information as they might "deem desirable to place the Canadian North-West before the world in its true position as an agricultural country and a land suitable for successful settlement." Space will allow of the publication of but a very few here.

C. H. BONESTEEL, of Pheasant Plain, Kenlis, P. O., Assiniboia, N. W. T., says:—"I consider this country a grand field for emigration for all that are homeless and farmless, not only in the old country, but in Ontario. Why, I know of hundreds where I come from that are working for daily and monthly wages, who, if they only knew or could be persuaded what this country is, or the chances that there are here for them to get a home of their own, they would come at once. Even if they only took a homestead, 160 acres, which they get for 10 dollars (£ 2), it would make them a good farm and home, which they can never hope to get where they are. This is my honest belief."

**Messrs, Campior Brothers**, per R. E. Campior, who omit to forward their Manitoba address, says :— "This country is surer and safer for a man with either small or large capital, being less liable to flood and drought than any part of the Western States of America, speaking from experience. Intending settlers on landing should first know how to work and drive a team and stick to it, and they are bound to succeed."

**WILLIAM WAGNES, M. P. P.**, of Woodlands, Ossowa, Manitoba, writes :— "Very few inhabitants have visited Manitoba and North-West as myself. I have seen the settler in this first year, and again after three and four years, and what a difference. The first year much misery, then again comfort. I have seen a good many English settlers in the first year; they are a great deal disappointed; but after they have been accustomed to our ways, they are happy and contented. We have in Woodlands about thirty English families, who had but little, and they belong to-day to our best of farmers, and with us we have never heard of any discontent."

**JAMES CONNERSON**, of Minnewashta, Manitoba, writes thus :— "Keep back from whisky, contract no debts, sign no notes, stick hard at work for two years, and keep and at it. If one has no means, work out with a farmer for a time; pay as you go along. That is my humble advice to all intending settlers. I know hundreds of very decent people in Glasgow (Scotland), also in Holland, who would be thankful to come out here and get a homestead free."

**JAMES LITTLE**, Postmaster, of Oak River, Manitoba, says :— "This is the best country in the world for settlers to come to; for instance, they can get their land for nearly nothing, and in three years be worth between 4,000 and 5,000 dollars (£800 to £1,000) just in the rise of the price of the land; besides, he can raise all the stock he requires, perhaps the same amount or more. There is not much work to do, it can be done with machinery, and a man that is fond of sport can shoot all the fowl he wants, I can kill hundreds of all sorts of wild fowl here, geese, ducks, prairie chickens, snipe and wild turkeys in abundance."

**THOMAS CARTER**, of Woodlands, Manitoba, says :— "The Canadian North West needs no vindication. It will soon be as well known to the world as is the Rock of Gibraltar. As for the cold, I have been more miserably cold on the heights of Shorncliffe, Kent (England), than I ever have been in the North-West. Of course a man may allow himself to burn if he chooses—it's all a matter of taste."

**G. A. CAMERON**, of Indian Head, N. W. T., writes :— "As good a place as a man can find if he has plenty of money and brains, or if he has no money, but muscle and pluck. Send as many here as you can they will bless you for it."

**WILLIAM TAYLOR**, of Beulah, P. O., Man., says :— "Settlers should be used to labour with their hands without kid gloves, unless provided with ample means. The grubblers here are composed of men raised idle at home, who have not means to carry it out here. Labouring men and hired girls coming out with those that hire them do not want to be bound for any length of time, as wages rule much higher here than in the old countries."

**CHRISTIAN TROYER**, of Sec. 22, T 2, R 2, W 2, Alameda, Assiniboia, N. T. W., says :— "I should advise intending settlers to encumber themselves as little as possible with extras, with the exception of clothing, and be cautious on their arrival to husband their resources. As I claim to be a successful north-wester I would be pleased and most happy to give advice and information to intending settlers free."

J. I.  
had con  
satisfie  
cannot  
Gr  
North-V  
Gr  
he lea  
sober  
many y  
we req  
Farmer  
S.  
years'  
approa  
man w  
three  
capital  
G.  
the bes  
have b  
to this  
nothin  
I have  
M  
grain  
consid  
for 100  
do ver  
this co  
M  
willin  
financ  
capita  
M  
come  
boys t  
M  
writes  
stat v  
difficu  
water  
M  
North  
mecha  
a good

J. R. NIFF, of Moosonim, N. W. T., states :—"The fact that I settled shows that I had confidence in the country, and after two seasons' experience I am more than satisfied. As a grain growing country I believe, with proper cultivation and energy, it cannot be exceeded."

GEORGE VANDERVOORT, of Alexandria, Man., says :—"I consider Manitoba or the North-West is the proper place for a man to go to get a home with ease."

GEORGE H. WOOD, of Birtle, Man., writes :—"Speaking from what I know as one of the leaders of one hundred and fifty in this locality, I don't know a single instance of sober, industrious person who has not benefited by coming here, and I do know of many who always lived "from hand to mouth" in Ontario, who are getting rich. All we require is a railway to get on well, and all get rich. Farming pays here, the Farmers' Union grumblers to the contrary notwithstanding."

S. W. CHAMBERS, of Wattsview P.O., Man., writes thus :—"After more than five years' experience in this country, I am satisfied that no other country in the world can approach the Canadian North-West as a field for agricultural productions. And to the man who is willing to rough it first and to roll up his sleeves and work for two or three years, it offers a comfortable independence in a very few years, with very little capital expenditure."

G. R. BLACK, of Wellwood, County Norfolk, Manitoba, says :—"This country is the best place for a man with a small capital to make a home that I have seen, and I have been through eight states of the United States, and I have seen nothing to compare to this Canadian North-West. I would advise settlers coming from Europe to bring nothing but clothes and bedding and light materials. I would say in explanation that I have raised as high as 40 bushels of wheat and 75 of oats, but that is not the rule."

Mr. A. R. SPEERS, of Griswold, Manitoba, writes :—"I consider this the greatest grain producing country in the world without any exception, and as I have handled considerable stock here I know that to pay well. Last spring I sold one stable of cattle for 100 dollars (£20) per head for butchering. My sheep have paid well. Milch cows do very well, and also poultry, and in fact every thing I have tried. No man need fear this country for producing anything except tropical fruit."

Mr. P. R. TODD, of Griswold, Manitoba, writes :—"I believe that any man who is willing to work, no matter how small his means, can improve his circumstances financially in this country, and there is a good chance for a man of means or large capital to run business on a large scale profitably."

Mr. W. H. HAYTER, of Alameda, Assiniboia, N. W. T., writes :—"A single man can come here and farm on a small capital, say 500 dollars (£100). I have a family of six boys to start. We are well satisfied with the prospects ahead."

Mr. JAMES RAWSON, of Mountain City, Sec. 16, Township 2, R. 6, W., Manitoba, writes :—"Persons coming to this Province should have 500 dollars (£100) in cash to start with; not but what a person can get along with less, as I have done, but it is difficult. Magnificent country for persons who have plenty of money. Climate healthy, water good, plenty of game."

Mr. THOMAS MCGEE, of Burnside, Manitoba, writes :—"I think that the Canadian North-West is well for industrious hard working people, either laborers, farmers or mechanics. I was a mechanic before I came here, and am satisfied that the country is a good one for people that want to make homes for themselves."

Mr. JOHN KEMP, of Austin, Manitoba, writes:— "The soil is immensely rich, and will raise large crops for a long time without manure. I am a Canadian by birth, and have travelled over a good part of the States and Canada, and, all things considered, I have seen no part of America to equal this country for agricultural purposes."

Mr. THOMAS L. MORTON, of Gladstone, Manitoba, writes:— "My land is all brush, which I consider the best in the end, but more labor. I have twenty acres dark loam, sown with Timothy, red top and clover; 25 head of stock, and 50 acres of crop, which pays far better than 100 acres of crop. Pigs pay well. Native hops grow well."

Mr. ROBERT CAMPBELL, Bridge Creek, P. O., Manitoba, writes:— "My opinion is that any man with, say, from 500 to 1,000 dollars (£100 to £200) and energy to go to work, will have no difficulty in making a comfortable home for himself and family."

Mr. JOHN T. COX, Box 44, Rapid City, Manitoba, writes:— "As an agricultural country it is a splendid one—that is the crops must be put in early, and then they will do all right."

Mr. DUNCAN McDONELL, Baie St. Paul, Manitoba, writes:— "The Canadian North-West, if once settled, will be and is the best agricultural country of all I have travelled through."

Mr. JOSHUA ELLIOTT, of Sourisburg, Man., says:— "I consider this country the best in the world for all classes of farmers. For the capitalist, plenty of room and safe returns; and the man of limited capital, to secure a good home and be independent. I have given you a true statement of my own experience. You have my address above, and persons wanting information by sending a stamped envelope I will answer it, and give them the benefit of all my experience."

Mr. SAMUEL DAY, Sec. 34, T. 13, R. 30, Fleming, N. W. T. — "I should like to see the emigration agents go more into the farming districts of England, and induce more farm laborers to come to this country. I would suggest Devonshire, as labor is plentiful there and wages low. I am afraid some of those city people will not make good settlers, and hence have a bad effect by writing home bad accounts. I am satisfied this is one of the best countries for an industrious man with energy."

BOLTON, FERRIS, of Calf Mountain, Manitoba, says:— "I firmly believe that this country has advantages over all others for growing grain and raising stock, and would advise all young men who have not made a start, and all tenant farmers with little capital to come here."

Testimony such as is contained in the foregoing pages could be produced indefinitely. The bountiful resources of our Great North-West as herein to a small extent shown, cannot fail to impress the reader with the knowledge that we have indeed a country whose resources and attractions are boundless.



"BELL FARM," INDIAN HEAD STATION, CANADIAN PACIFIC RAILWAY, 741 MILES WEST OF PORT ARTHUR. ENGRAVED FROM A PHOTOGRAPH.



THE  
CANADIAN PACIFIC RAILWAY

IS THE

Most Direct, therefore the Safest and Quickest Route

BETWEEN

Quebec, Montreal, Ottawa, Toronto, St. Thomas, Detroit, Chicago, &c.

The object of the Projectors was to make this THE VERY BEST NEW LINE EVER CONSTRUCTED on the AMERICAN CONTINENT, and with this object in view every care was taken in its construction.

The Bridges, resting on MASSIVE STONE PIERS, are of steel of twice the ordinary strength ; the rails are of the best material, and the track has been constructed in such a permanently substantial manner as to insure the best results as to SPEED and SAFETY.

THE FINEST PASSENGER, PARLOR, SLEEPING and DINING CARS

are in use on this Railway ; every luxury and convenience that ingenuity can contrive abound in the Equipment of this magnificent road. Cool air and freedom from dust in summer ; and uniform warmth, and perfect ventilation, in winter.

TRAINS ARE RUN STRICTLY ON TIME,

every precaution is taken for the safety of Passenger Trains, every appliance of proven value, switches, &c., having been adopted.

EMPLOYEES OF THE COMPANY ARE NOTED FOR THEIR UNIFORM POLITENESS

THE CANADIAN PACIFIC RAILWAY

IS THE

LONGEST CONTINUOUS LINE IN THE WORLD

the only transcontinental line stretching from the Atlantic to the Pacific Ocean, under one management. Its Terminus in the East is Quebec, and in the West Vancouver, British Columbia.

THE SCENERY

The line of the North Shore of Lake Superior must be seen to be appreciated, no pen, however fluent in description can do justice to the transcendent loveliness of some of the lake views, or to the awful grandeur, reaching to sublimity, of the views obtainable from the dizzy heights of the Rocky Mountains ; rivalling and surpassing those of Switzerland.

The woods along the line are full of game of all descriptions and the Rivers and Lakes fairly teem with fish.

READ THE CONTENTS OF THIS PAMPHLET.

THE  
**CANADIAN PACIFIC RAILWAY**

THE  
GREAT TRANSCONTINENTAL

From the Atlantic **SHORT LINE** to the P

OCEAN TO OCEAN  
QUEBEC, MONTREAL & TORONTO

—TO—  
British Columbia.

THE DIRECT ROUTE TO WINNIPEG, MANITOBA AND THE CANADIAN NORTH

NO TRANSFERS, NO DELAYS, NO CUSTOM'S CHARGES  
FREE COLONIST SLEEPERS

**Time :** MONTREAL TO WINNIPEG, - 61 H  
TORONTO TO WINNIPEG - - 64 H

If you travel for Business or Pleasure, Necessity or Relaxation, EAST, WEST, NORTH-WEST or WEST, you can be accommodated best by the CANADIAN PACIFIC RAILWAY, their trains making connection at St. Thomas with the Michigan Central Railroad for DETROIT, CHICAGO, ST. LOUIS, CINCINNATI and all points in the Southern and Western States.

Connections made at Montreal for BOSTON and all points in the NEW ENGLAND STATES, and for places in NEW BRUNSWICK and the LOWER PROVINCES.

**MAGNIFICENT PARLOR, DINING & SLEEPING**

**ATTACHED TO ALL THROUGH TRAINS.**

Ticket Offices in every Town and City, where Agents of the Company will cheerfully give all information &c., on application.

W. R. CALLAWAY, Dist. Pass. Agent, 110, King Street West, Toronto.

G. W. PATTERSON, Dist. Pass. Agent, 266, St. James Street, Montreal.

W. C. VAN HORNE,  
VICE-PRESIDENT.

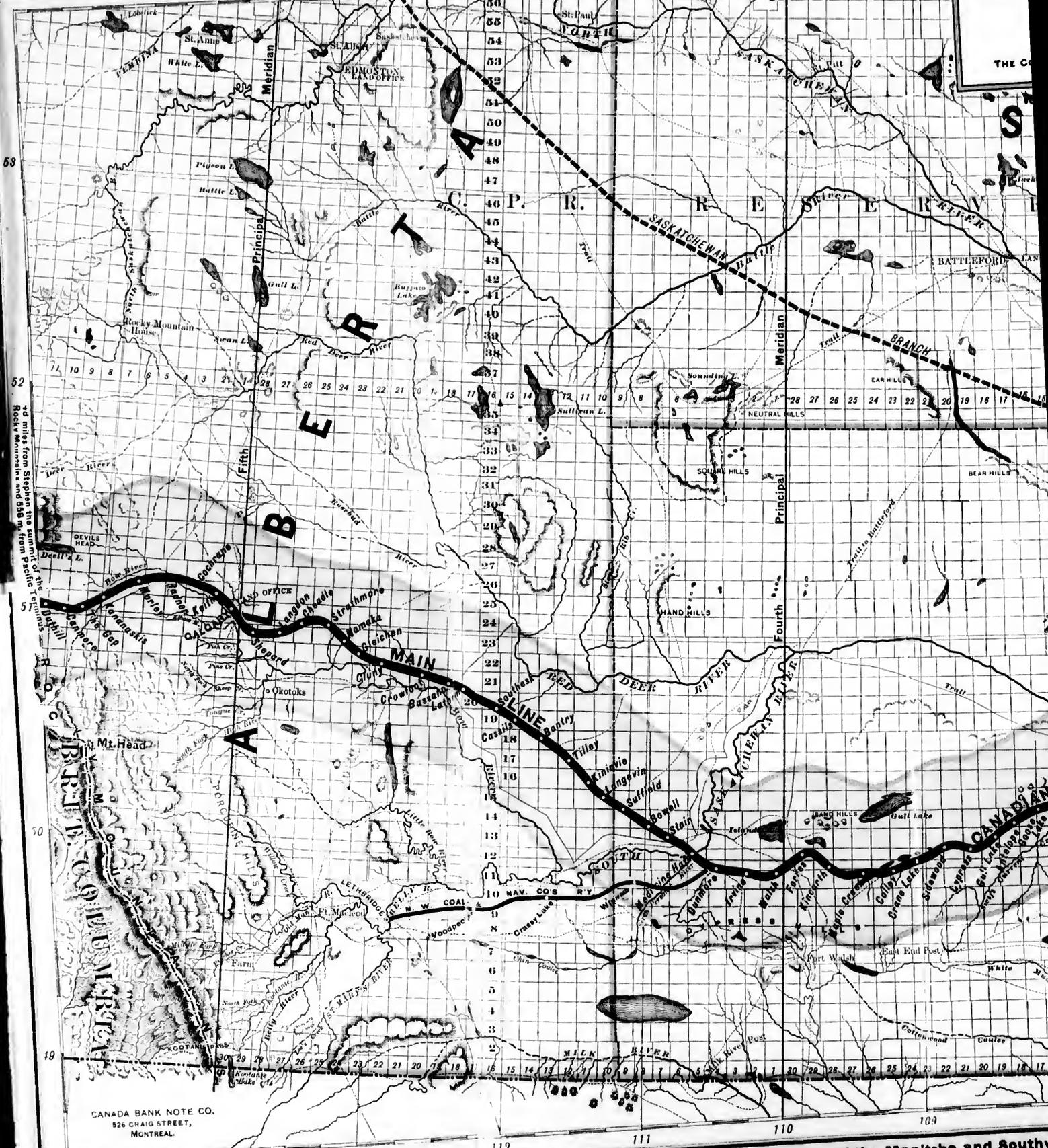
GEO. OLDS,  
GEN. TRAFFIC MANAGER.

D. MCNICOLL,  
GEN. PASS. AGENT.

W  
D  
))  
III  
G  
H  
H  
T  
kin  
DIN  
and  
D  
ll i  
o.  
eat  
LL  
NT.



ALBERT



CANADA BANK NOTE CO.  
526 CRAIG STREET,  
MONTREAL.

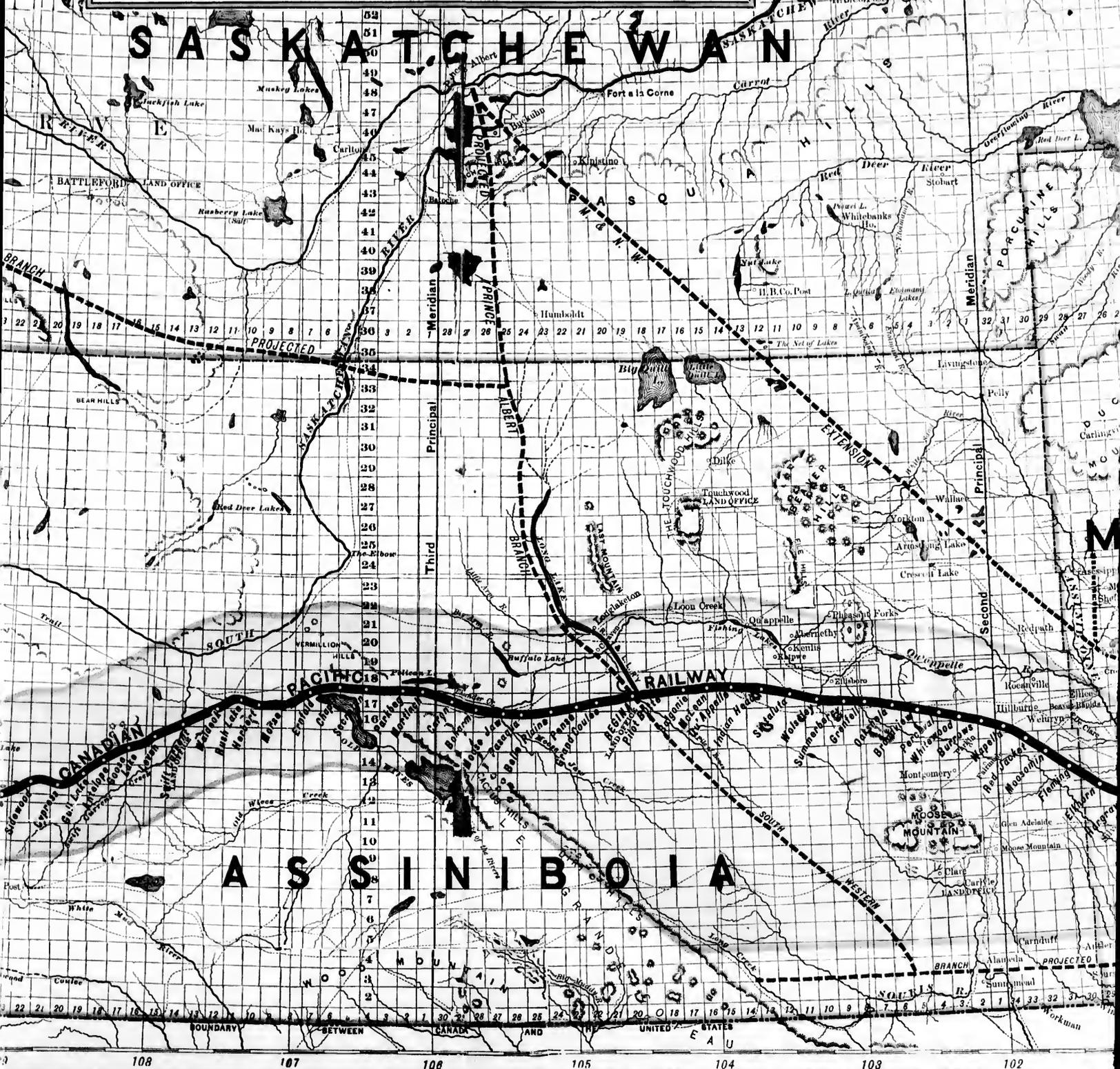
**SOUTHERN MANITOBA—THE GARDEN OF THE PROVINCE—The lands along the Line of the Manitoba and Southwestern Railway**

# Manitoba and the Northwest Territories of Canada

SHOWING THE LINES AND LAND GRANT OF THE

## Canadian Pacific Railway.

THE COMPANY'S LANDS IN PART CONSIST OF THE ODD-NUMBERED SECTIONS IN THE BELT COLORED GREEN, THE REMAINING SECTIONS BEING GOVERNMENT HOMESTEAD LANDS.



Manitoba and Southwestern Railway, leased by the Canadian Pacific, and comprised within the uncolored belt in Southern Manitoba are now owned by the Government.

# and the Northwest Territories of Canada

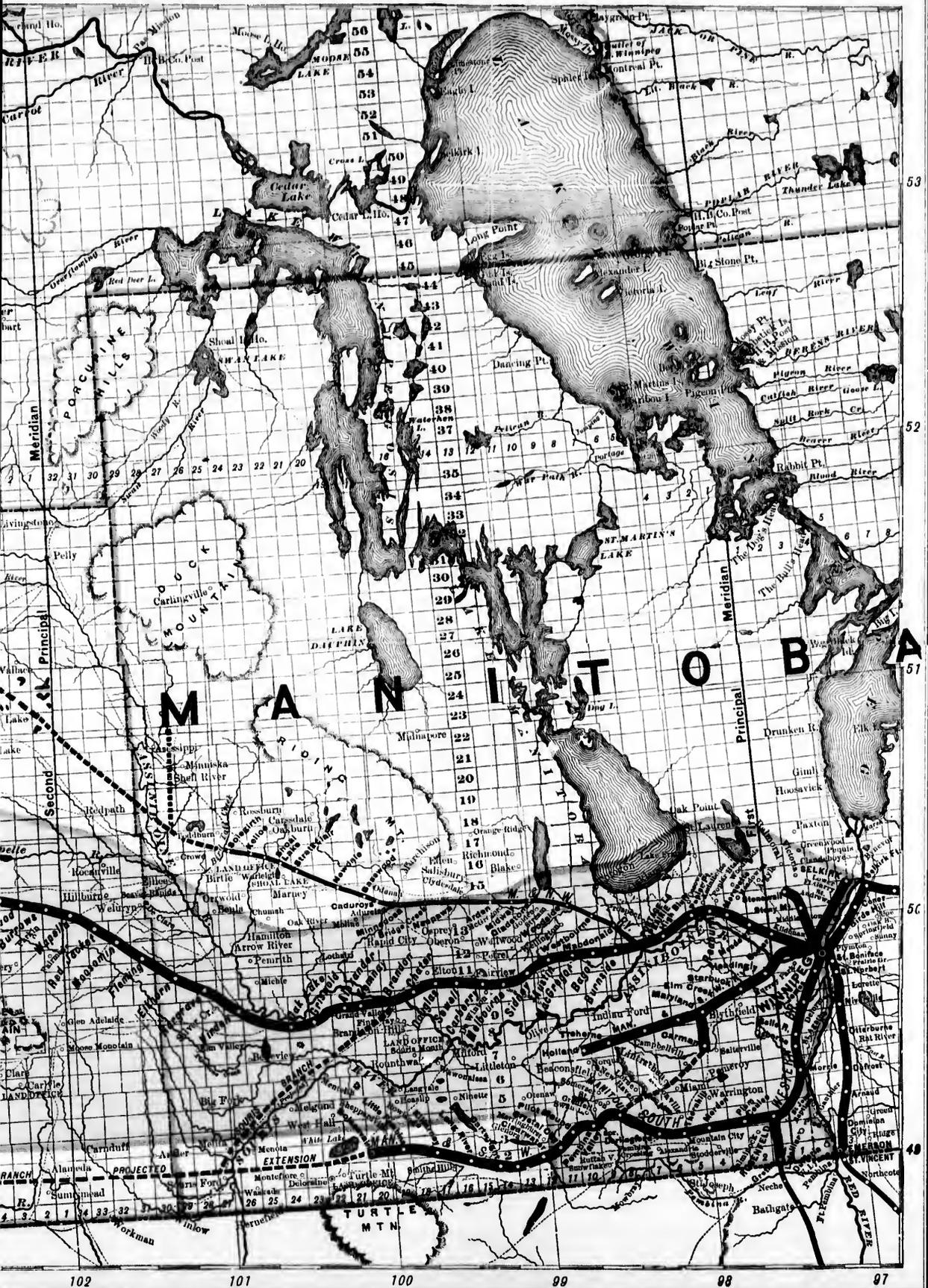
SHOWING THE LINES AND LAND GRANT OF THE

# Canadian Pacific Railway.

AND IN PART CONSIST OF THE ODD-NUMBERED SECTIONS IN THE BELT COLORED GREEN, THE REMAINING SECTIONS BEING GOVERNMENT HOMESTEAD LANDS.



ay, leased by the Canadian Pacific, and comprised within the uncolored belt in Southern Manitoba are now



Land parcels in Manitoba are now open for sale. Apply to JOHN H. McTAVISH, Land Commissioner, Winnipeg.

