

D. Hamilton

ROBERT MILLER, MONTREAL.

J. A. PAYZANT'S

CANADIAN

FARMER'S ALMANAC

FOR THE YEAR OF OUR LORD

1877.



Importer, Wholesale Stationer, School Book Publisher and Blank Book Manufacturer

WOLFVILLE, N. S.

PUBLISHED BY J. A. PAYZANT

ROBERT MILLER, MONTREAL

ROBERT MILLER



BOOKBINDE

AND
BLANK BOOK
MANUFACTURER.

BLANK BOOKS

Of every description Made to Order at Short Notice, and in the best possible manner.

SPECIAL NOTICE.

Orders taken for direct Shipment from the well-known Houses of

- A. PIRIE & SON, Aberdeen.
- C. GOODALL & SON, London.
- R. CANFON, London.
- THE CULTER PAPER CO., Aberdeen.
- WYLIE & LOCHHEAD, Glasgow.
- WHITING & YOUNG, New York.

Full sets of whose Samples can be seen at any time, and the utmost promptitude and exactness guaranteed in filling the Orders.

Orders received and Estimates furnished for every description of Commercial Printing and Bookbinding.

397 Notre Dame Street,
MONTREAL.

Wholesale Stationery, School Books, Engravings, and Blank Book Binding

Books, Stationery, and Printing

J. A.

FARM

FOR



Being the first
20th June the
Victoria.

Calculated for
North, and Lon
tory, Greenwi
variation for a

Entered accord

PUB

**J. A. PAYZANT'S
CANADIAN
FARMERS' ALMANAC**

FOR THE YEAR OF OUR LORD



1877.

Being the first after Bissextile or Leap Year, and until the 20th June the fortieth Year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 30' 26''$ North, and Longitude $73^{\circ} 24' 22''$ West from the Royal Observatory, Greenwich, but arranged so as to serve without essential variation for all parts of the Dominion of Canada.

EDITION OF SIXTY THOUSAND.

Entered according to Act of Parliament, by ROBERT MILLER, in the Office of the Minister of Agriculture.

WOLFVILLE, N.S.

PUBLISHED BY J. A. PAYZANT.

EXPLANATION OF CALENDAR PAGES.

The Publisher of this Almanac, with a view to increase its circulation and usefulness, has adapted its calculations for the whole country. The Moon changes are given for five different places, viz : Quebec, Montreal, Kingston, Toronto, and London. The rising and setting of the Sun are given for Montreal and Toronto. The rising and setting of the Moon are given with sufficient exactness for all practical purposes. The weather prognostications are again calculated according to the table of the celebrated Dr. Herschel; and for extraordinary accuracy this Almanac retains its wonderful popularity.

ROBERT MILLER sells every requisite for the School Room and Office.

CHRONOLOGICAL CYCLES.

Table with 2 columns: Cycle Name and Duration. Includes Dominical Letter, Golden Number, Jewish Lunar Cycle, Epact or Moon's Age, Solar Cycle, Julian Period, Jewish Year, Roman Indiction, and Mohammedan Year.

MOVABLE FESTIVALS.

Table with 2 columns: Festival Name and Date. Includes Septuagesima Sunday, Sexagesima, Quinquagesima, Ash Wednesday, Quadragesima, Mid-Lent, Palm Sunday, Good Friday, Easter Sunday, Rogation Sunday, Ascension Day, Whitsunday, Trinity Sunday, Corpus Christi, and Advent Sunday.

HOLIDAYS OBSERVED IN PUBLIC OFFICES.

Table with 2 columns: Holiday Name and Date. Includes Circumcision, Epiphany, Annunciation Virgin Mary, Good Friday, Ascension Day, Queen's Birthday, Corpus Christi, St. Peter and St Paul, All Saints Day, Conception of the Blessed Virgin Mary, and Christmas Day.

BANK HOLIDAYS IN ONTARIO.

All Sundays, Christmas Day, New Year's Day, Ash Wednesday, Good Friday, Easter Monday, The Queen's Birth Day, and each day appointed by Royal Proclamation as a general Fast and Thanksgiving day.

Femini, Arms. Heart. Libra, Reins. Sagittarius, Thighs. Capricornus, Legs.



ECLIPSE

There will be five Eclipses of which requires s... I.—February 27th.— II.—March 14th.—Th III.—August 8th.—T IV.—August 23rd.— begins at Montreal 4.25... ds 8.6 evening. Beg... le, 5.52. Eclipse end... V.—September 6th.

SEAS

Winter ends and Spring... summer... autumn... winter... Tropical year is 365...

MORNING

Venus shines as a Morning Star. Mars... class as a Morning... previously a Mo... t to June 16th.

1st Month. **JANUARY, 31 Days.** Begins on Monday.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	6	9 29 mo.	9 23 mo.	9 11 mo.	8 59 mo.	8 51
New Moon.....	14	8 40 mo.	8 34 mo.	8 22 mo.	8 10 mo.	8 2
First Quarter.....	22	11 5 mo.	10 59 mo.	10 45 mo.	10 35 mo.	10 27
Full Moon.....	29	8 51 mo.	8 41 mo.	8 33 mo.	8 21 mo.	8 13

Use ROBERT MILLER'S Headline Copy Books in 12 Nos.

M	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.			Calendar Aspects, & Circumcision.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Mon.	7 47	4 21	7 40	4 28	22 59	6 57	1	12 08	58	
2	Tues.	47	22	40	29	22 53	8 18	9	12 07	31	Considerable rough
3	Wed.	47	23	40	30	22 48	9 35	18	12 10	48	very cold weather during the first few days of the
4	Thu.	46	24	39	31	22 41	10 49	25	12 12	41	Snow falling East and West.
5	Fri.	46	25	39	32	22 35					<i>Epiphany.</i>
6	Sat.	46	26	39	33	22 27	0 8				
7	G.	7 45	4 28	7 39	4 34	22 20	1 9				<i>1st Sunday after Epiphany.</i>
8	Mon.	45	29	38	35	22 12	2 18				This week the weather appears to moderate considerably.
9	Tues.	44	30	38	36	22 3	3 27				Cold and snow.
10	Wed.	44	31	38	37	21 54	4 34				Variable, and threatens cold rain, but snow does not come.
11	Thu.	43	32	38	38	21 45	5 36				
12	Fri.	42	33	37	40	21 35	6 30				
13	Sat.	42	34	37	41	21 25	7 16				
14	G.	7 42	4 35	7 37	4 42	21 14	Sets.				<i>2nd Sunday after Epiphany.</i>
15	Mon.	40	37	36	43	21 03	5 58				Milder appearances.
16	Tues.	40	38	36	44	20 52	7 1				No thaw yet.
17	Wed.	39	39	35	45	20 40	8 4				<i>St. Anthony's day.</i>
18	Thu.	39	41	25	46	20 28	9 7				Rather colder day.
19	Fri.	38	42	34	48	20 15	10 9				Some appearance of proaching snow-storm.
20	Sat.	37	43	33	49	20 02	11 14				
21	G.	7 36	4 45	7 33	4 50	19 49	Morn.				<i>3rd Sunday after Epiphany.</i>
22	Mon.	35	46	32	52	19 35	0 21				About now the weather comes severely cold and calm.
23	Tues.	34	47	31	53	19 21	1 31				
24	Wed.	33	49	31	54	19 07	2 47				<i>Conversion of St. Paul.</i>
25	Thu.	32	51	30	56	18 52	4 2				Unsettled weather, but generally very cold.
26	Fri.	32	52	29	57	18 37	5 14				
27	Sat.	32	53	28	58	18 22	6 15				
28	G.	7 31	4 54	7 26	5 00	18 6	Rises.				<i>Septuagesima Sunday.</i>
29	Mon.	31	56	25	1	17 50	5 46				The month ends with prospects of continued snow and severity.
30	Tues.	30	58	25	3	17 33	7 8				
31	Wed.	28	5 00	23	5	17 17	8 27				

JANUARY.—We do not know much respecting the organization of "The Grangers," but understand them to be clubs or societies for the advancement of agricultural interests. Often meeting together it would well for them to devise methods of improvement for the mind as well as farm. Perhaps in these assemblies they secure the opportunity for discussing subjects of importance. It would be well to devise some plan for establishment of agricultural libraries, having on hand the most recent periodicals. Out of these many topics might be selected for readings and conversations. In this and other ways the experiences of members might be used in illustration of any new theories which may have been tested. With proper management these meetings would become very useful.

begins on Monday 7.]

MEMORANDUM FOR JANUARY.

Toronto.	London.
h. m.	h. m.
8 59mo.	8 51
8 10mo.	8 2
10 35mo.	10 27
8 21mo.	8 13

on Meridian.

h.	m.	s.
12	08	58
12	07	31
12	10	48
12	12	41

dar. Aspects, &

cision.

erable rough
cold weather dur
st few days of the
lling East and W

ny.

day after Epipha

ek the weather a

considerably.

d snow.

e, and threaten

rain, but snow

day after Epipha

appearances.

w yet.

ony's day.

colder day.

appearance of

ing snow-storm

day after Epipha

now the weather

severely cold

and calm.

ion of St. Paul.

d weather, but

very cold.

esima Sunday.

ath ends with

of continued

nd severity.

ganization of

eties for the

ether it would

ind as well a

unity for disc

ome plan for

the most re

for readings

f members m

have been te

very useful.

2nd Month.

FEBRUARY, 28 Days. Begins on Thurs 277.]

Moon's Phases.	D	Quebec.		Montreal.		Kingston.		Toronto.		London.	
		h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Third Quarter.....	5	0	12 mo.	0	6 mo.	11	54 4th.	11	42 4th.	11	34
New Moon.....	13	4	11 mo.	4	5 mo.	3	53 mo.	3	41 mo.	3	33
First Quarter.....	20	11	28 ev.	11	22 ev.	11	10 ev.	10	53 ev.	10	50
Full Moon.....	27	2	26 ev.	2	22 ev.	2	8 ev.	1	56 ev.	1	48

Country Mechanics will find every description of Paper Goods at ROBERT MILLER'S

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m.
M. Week.					South.	R. & S.			
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1 Thu.	7 27	5 1	7 22	5 6	17 00	9 40	Calendar, Aspects, & A cold beginning.		
2 Fri.	26	2	21	7	16 42	10 54	Purification of Virgin Mary.		
3 Sat.	25	3	20	8	16 25	Morn.	Continued cold season.		
4 G.	7 23	5 5	7 19	5 9	16 7		Sexagesima Sunday.		
5 Mon.	22	6	17	11	15 49	0 6	The week prospects are rough and stormy.		
6 Tues.	20	8	16	12	15 30	2 24	Snow falls and he drifts may be locked.		
7 Wed.	19	9	15	13	15 11	3 28	East. Not so bad W but cold.		
8 Thu.	18	11	14	15	14 52	4 24			
9 Fri.	17	13	13	17	14 33	5 14			
10 Sat.	16	14	12	18	14 14	5 52			
11 G.	7 14	5 16	7 11	5 19	13 54	6 27	Quinquagesima Sunday.		
12 Mon.	13	17	9	20	13 34	6 56	Exceedingly cold.		
13 Tues.	11	18	7	22	13 14	Sets.	SHROVE TUESDAY.		
14 Wed.	9	19	6	23	12 53	6 57	ASH WEDNESDAY.		
15 Thu.	8	20	4	24	12 33	8 1	14th St. VALENTINE'S D		
16 Fri.	6	22	2	26	12 12	9 4	Somewhat moderate very variable.		
17 Sat.	4	24	1	27	11 51	10 11			
18 G.	7 3	5 25	6 59	5 29	11 30	11 19	Quadragesima Sunday.		
19 Mon.	1	27	58	30	11 9	Morn.	Another violent snow-storm may be looked for about this time, with considerable wind.		
20 Tues.	7 00	28	57	31	10 47	0 30	Somewhat calmer.		
21 Wed.	6 59	30	55	33	10 25	1 44	St. MATTHIAS.		
22 Thu.	57	31	54	34	10 4	2 55			
23 Fri.	55	33	52	35	9 42	3 58			
24 Sat.	53	34	50	37	9 19	4 51			
25 G.	6 51	5 35	6 48	5 38	8 47	5 33	First Sunday in Lent.		
26 Mon.	49	37	47	39	8 35	6 6	Changeable.		
27 Tues.	47	39	45	41	8 12	6 33	Very cloudy and dull.		
28 Wed.	46	39	43	42	7 50	6 57	Cold continues.		

FEBRUARY.—The farmer makes a great mistake who does not make suitable arrangements for procuring fresh eggs from his hens during winter. He has seen hens roosting in the trees around the barn in very cold weather and not a few of these fall dead. Let the hens have warm shelter and plenty of suitable food; the first can be had with but little trouble and expense, and, as to food, there is generally abundance. Indian corn is not by itself alone, being deficient in albumen and the phosphates. Hens want a variety of grains and vegetables, and should have at least one warm meal of mixed meal and vegetables. They like milk and should have some daily; cabbage and turnips are relished by fowls of all ages,—a little fresh meat occasionally, with offal of fish and scraps from the kitchen. Let fowls have access to good gravel or sand. Broken oyster shells are valuable. It is your duty, and the hens will repay you—principal and interest.

Toronto.	London
h. m.	h. m.
11 42 4th.	11 31
8 41 mo.	8 33
10 58 ev.	10 50
1 56 ev.	1 48

sun on Meridian. 5

h.	m.	s.
12	13	55
12	14	29
12	14	8
12	13	12

Calendar, Aspects, & beginning.
Annunciation of Virgin Mary
 cold season. 0

Septuagesima Sunday.
 bleak prospects are
 and stormy till
 falls and heavy
 may be looked
 Not so bad W
 ld. 3

Sextagesima Sunday
 ngly cold.
 TUESDAY.
 WEDNESDAY.
 VALENTINE'S DAY
 at moderate
 variable. 6

Quinquagesima Sunday.
 violent snow-st
 e looked for ab
 me, with consi
 nd.
 at calmer.
 THIAS. 9

Monday in Lent.
 ole.
 ndy and dull.
 inues. 11

not make suita
 ng winter. 13
 y cold weath
 helter and pl
 ole and exper
 orn is not b
 s want a vari
 n meal of mi
 me daily; c
 ttle fresh m
 Let fowls ha
 valuable.
 rest. 18

29

3rd Month.

MARCH, 31 Days.

Begins on Thursday

1877.]

Moon's Phases.	Quebec.		Montreal.		Kingston.	Toronto.	London
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	6	5 13 ev.	5 7 ev.	5 7 ev.	4 55 ev.	4 43 ev.	4 35 ev.
New Moon.....	14	10 6 ev.	10 00 ev.	9 48 ev.	9 28 ev.	9 28 ev.	9 28 ev.
First Quarter.....	22	8 21 mo.	8 51 mo.	8 3 mo.	7 51 mo.	7 43 mo.	7 43 mo.
Full Moon.....	29	1 1 mo.	0 55 mo.	0 42 mo.	0 31 mo.	0 23 mo.	0 23 mo.

MILLER'S Sansum's Interest and Exchange Tables.

DAYS.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.	
	Week.	Sun Rises.	Sun Sets.	Sun Rises.			Sun Sets.	D.	h. m.		s.
		h. m.	h. m.	h. m.			h. m.	Deg. Min.	h. m.		
1	Thur.	6 44	5 42	6 42	5 44	7 27	8 29			St. DAVID'S DAY.	
2	Fri.	42	43	41	45	7 4	9 44			Not very agreeable weather particularly for travellers.	
3	Sat.	40	44	39	46	6 41	10 57				
4	G.	6 39	5 45	6 37	5 47	6 18	Morn.			2nd Sunday in Lent.	
5	Mon.	37	47	35	49	5 55	0 9			Stormy and cold about now.	
6	Tues.	36	48	34	49	5 31	1 17			Rains out West, but no regular thaw.	
7	Wed.	34	49	32	50	5 8	2 18			Snow and wind down East hard sleighing.	
8	Thu.	31	51	31	51	4 45	3 10			Changeable.	
9	Fri.	29	53	29	53	4 21	3 53				
10	Sat.	27	54	27	55	3 53	4 28				
11	G.	6 25	5 55	6 25	5 56	3 34	5 56			Mid Lent Sunday.	
12	Mon.	24	56	23	57	3 11	5 20			ST. GREGORY'S DAY.	
13	Tues.	22	58	22	58	2 47	5 40			Unsettledness continues, but the temperature softens a the days of spring approach.	
14	Wed.	20	59	20	59	2 23	Sets.				
15	Thu.	18	6 1	18	6 1	2 00	6 56				
16	Fri.	16	2	16	2	1 36	8 2			ST. PATRICK'S DAY.	
17	Sat.	14	3	15	3	1 12	9 11				
18	G.	6 12	6 4	6 12	6 4	0 49	10 23			4th Sunday in Lent.	
19	Mon.	10	6	10	6	0 25	11 34			Cold wind and rain.	
20	Tues.	9	7	9	7	0 1	Morn.			East of Montreal, snow.	
21	Wed.	7	8	6	8	North.	0 45			ST. BENEDICT'S DAY.	
22	Thu.	5	9	5	9	0 45	1 50			Equinoctial winds, and pretty cold.	
23	Fri.	3	11	3	11	1 09	2 45			Rain falls plenteously.	
24	Sat.	1	12	1	12	1 32	3 29				
25	G.	5 59	6 13	6 00	6 13	1 56	4 5			5th Sunday in Lent, Palm Sunday.	
26	Mon.	57	14	5 58	14	2 20	4 34			25th ANNUNCIATION.	
27	Tues.	55	16	56	16	2 48	4 58			Raw and chilly.	
28	Wed.	53	17	54	15	3 06	5 21			Cold and windy.	
29	Thu.	52	18	53	17	3 30	Rises.			Changeable but damp.	
30	Fri.	50	20	51	19	3 53	8 32			GOOD FRIDAY.	
31	Sat.	47	21	49	20	4 16	9 47			Easter Eve.	

MARCH.—We have written about taking care of hens. Perhaps there was never a time when more attention was paid to the poultry business than now. It is found to pay, and, while that is the case, the "hen fever" will not abate. But it will not pay to be mere bird fanciers; the object should be to ascertain what breeds are likely to be most productive and serviceable to the family or household. We are told, there are fourteen poultry journals in the States and Canada. There are over 3,000 breeders in the country, and more than 10,000 who are interested in the business. "Right through the times of panic," as a writer observes, when manufacturing and business were paralyzed, has the interest in poultry grown. If the general advice we have already given be followed, it will be found to add greatly to the comfort and convenience of families.

ns on Thursday 1877.]

MEMORANDUM FOR MARCH,

9

Toronto.	London
h. m.	h. m.
4 43 ev.	4 35 ev.
9 26 ev.	9 28 ev.
7 51 mo.	7 43 mo.
0 31 mo.	0 23 mo.

on Meridian.

h.	m.	s.
12	12	28
12	10	36
12	8	5
12	5	57

r, Aspects, &c.

's DAY.
agreeable weather
early for travellers

y in Lent.
d cold about now
West, but no reg-

wind down East
ghing.

unday.
RY'S DAY.
ess continues, bu
erature softens a
oi spring ap

CK'S DAY.
in Lent,
and rain.

ntreal, snow.
OT'S DAY.
winds, an

d.
lenteously.

in Lent, Palm
CIATION.
lly.
ndy.
but damp.

AY.

aps there wa
business than
n fever" wil

object shoul
e and service

rteen poultr
eders in the
ess. "Righ

anufacturin
own. If th
found to ad

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31

4th Month.

APRIL, 30 Days.

Begins on Sunday 1877]

Wall Papers done up in assorted Bales to suit small dealers at ROBERT MILLER'S

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
Third Quarter.....	D. 5	h. m. 11 42 mo.	h. m. 11 36 mo.	h. m. 11 24 mo.	h. m. 11 12 mo.	h. m. 11 4 ev.
New Moon.....	13	1 2 ev.	0 56 ev.	0 44 ev.	0 32 ev.	0 24 ev.
First Quarter.....	20	2 29 ev.	2 43 ev.	2 31 ev.	2 19 ev.	2 11 ev.
Full Moon.....	27	11 48 mo.	11 42 mo.	11 30 mo.	11 18 mo.	11 10 mo.

D.	Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	G.	5 41	6 22	5 47	6 21	4 44	11 0	Calendar, Aspects, &c.		
2	Mon.	44	23	46	22	5 7	3 25	Easter Sunday.		
3	Tues.	42	27	44	23	5 30	0 6	Genial sunbeams and the		
4	Wed.	21	25	42	24	5 53	1 8	farmer is urged to diligent		
5	Thur.	39	27	40	26	6 16	1 52	preparation for spring		
6	Fri.	37	29	38	27	6 39	2 29	work. Delays in Quebec		
7	Sat.	35	30	36	28	7 1	3 1	by continued frost.		
8	G.	5 33	6 31	5 35	6 29	7 24	3 25	A fine day, but cold		
9	Mon.	32	32	33	31	7 46	3 47	Low Sunday.		
10	Tues.	30	33	31	32	8 8	4 4	Genial sunbeams and the		
11	Wed.	28	34	30	33	8 30	4 22	farmer is urged to diligent		
12	Thur.	26	36	28	34	8 52	4 41	preparation for spring		
13	Fri.	24	37	26	35	9 14	5 1	work. Delays in Quebec		
14	Sat.	22	38	24	36	9 35	5 9	by continued frost.		
15	G.	5 20	6 40	5 23	6 37	9 57	9 23	A fine day, but cold		
16	Mon.	18	42	21	39	10 18	10 36	2nd Sunday after Easter.		
17	Tues.	17	43	19	40	10 39	11 44	Since the New Moon, and		
18	Wed.	15	44	17	41	11 00	11 44	toward the Full, the		
19	Thur.	13	45	16	41	11 21	0 42	weather will be variable		
20	Fri.	11	47	14	42	11 41	1 29	Warmer mild some days		
21	Sat.	10	48	13	44	12 2	2 5	but the nights frosty.		
22	G.	5 8	6 49	5 11	6 45	12 22	2 36	A wind storms prevails.		
23	Mon.	6	50	9	46	12 42	3 0	3rd Sunday after Easter.		
24	Tues.	5	51	8	47	13 1	3 25	ST. GEORGE'S DAY.		
25	Wed.	3	53	7	48	13 21	3 45	Quite a pleasant day.		
26	Thur.	2	54	5	49	13 40	4 8	ST. MARK'S DAY.		
27	Fri.	5 00	56	4	51	13 59	Rises.	Coming on warm rains, but		
28	Sat.	4 58	57	2	52	14 18	8 37	this day fair and fine.		
29	G.	4 56	6 58	5 00	6 53	14 37	9 47	A change to dullness.		
30	Mon.	55	59	1	54	14 55	10 49	4th Sunday after Easter.		
								Month ends quietly.		

APRIL.—As spring approaches, think whether it is not possible to add to the pleasures of home, by additional care and activity in the cultivation of ornamental trees for the embellishment of the premises. There are some things neglected because they are supposed not to pay—the flower garden and the growth of shrubberies for instance. But the cultivation of taste pays. We have cut down so many trees that every thing—houses and orchards, are exposed to every wind and storm. Trees may be planted not only for rural embellishment, but for useful purposes, in the protection of fruit trees and as a shelter from ruthless blasts. Even if there were no pecuniary interest involved, how pleasant to the eye are those products of the forests, which could easily be transplanted nearer to our habitations and gardens.

Toronto.		London.	
m.	h. m.	h. m.	s.
12 mo.	11 4 ev	11	4 ev
32 ev.	0 24 ev.	0	24 ev.
19 ev.	2 11 ev.	2	11 ev.
18 mo.	11 10 mo.	11	10 mo.

n Meridian.		
h.	m.	s.
12	03	48
12	01	29
11	59	13
11	57	48

Aspects, &c.

day.
 d pleasant.
 ly wind.
SE'S DAY.
 ason, but conti
 A good deal of
 ted.

 beams and the
 urged to diligent
 n for spring
 elays in Quebec
 ed frost.
 out cold

after Easter.
 ew Moon, and
 he Full, the
 ill be variable
 ould some days
 ights frosty.
 ms prevails.

after Easter.
'S DAY.
 ant day.
DAY.
 warm rains, but
 r and fine.
 dullness.

fter Easter.
 quietly.

 ble to add to
 ultivation of
 ere are some
 ower garden
 ultivation of
 -houses and
 e planted not
 protection of
 ere no pecu-
 ducts of the
 itations and

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	5	6 31 mo.	6 25 mo.	6 13 mo.	6 1 mo.	5 53 mo.
New Moon.....	13	0 41 mo.	0 35 mo.	0 23 mo.	0 11 mo.	0 3 mo.
First Quarter.....	19	8 8 ev.	8 2 ev.	7 50 ev.	7 38 ev.	7 30 ev.
Full Moon.....	26	11 17 ev.	11 11 ev.	10 59 ev.	10 47 ev.	10 39 ev.

D.	Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Tues.	4 54	7 00	4 58	6 56	15 13	11 41				St. Philip and St. James.
2	Wed.	53	1	57	57	15 31	Morn.				May opens pleasantly.
3	Thur.	51	3	55	59	15 49	0 24				Warm and yet dull, with
4	Fri.	50	4	54	7 00	16 6	0 58				threatening aspects for
5	Sat.	49	5	53	1	16 23	1 25				rain and wind.
6	G.	4 47	7 7	4 51	7 2	16 40	1 47				Rogation Sunday.
7	Mon.	45	8	49	3	16 57	2 7				Some very fine and warm
8	Tues.	43	9	48	4	17 13	2 26				sunny days.
9	Wed.	42	10	47	5	17 29	2 45				Gardening in progress.
10	Thur.	41	11	46	6	17 45	3 4				ASCENSION DAY.
11	Fri.	40	12	45	7	18 00	3 25				Cool breezes and some frost
12	Sat.	39	13	44	8	18 15	Sets.				these nights.
13	G.	4 37	7 15	4 42	7 10	18 30	8 21				Sunday after Ascension.
14	Mon.	36	16	42	11	18 45	9 33				The aspects are not so
15	Tues.	35	17	40	12	18 59	10 36				bright. Changeable.
16	Wed.	34	18	39	13	19 13	11 27				Some wind with rain.
17	Thur.	33	19	38	14	19 26	Morn.				No change, but steady
18	Fri.	32	20	37	15	19 39	0 7				bright and clear days.
19	Sat.	31	21	36	16	19 52	0 40				ST. DUNSTAN'S DAY.
20	G.	4 30	7 22	4 35	7 17	20 5	1 6				WHITSUNDAY.
21	Mon.	29	23	34	18	20 17	1 23				Toward the Full Moon there
22	Tues.	28	24	33	19	20 29	1 51				are signs of change.
23	Wed.	27	25	32	20	20 40	2 13				Very warm and clear.
24	Thur.	27	27	32	21	20 51	2 36				Thunder and lightning.
25	Fri.	26	28	31	22	21 2	3 3				Settled after rain.
26	Sat.	25	29	31	23	21 13	Rises.				ST. AUGUSTINE'S DAY.
27	G.	4 24	7 30	4 30	7 24	21 23	8 37				TRINITY SUNDAY.
28	Mon.	23	31	29	25	21 32	9 33				Quite warm, and the week
29	Tues.	22	32	28	26	21 42	10 18				has showers, and, toward
30	Wed.	21	33	28	26	21 51	10 57				the end, steady rain.
31	Thur.	20	34	27	27	21 59	11 26				CORPUS CHRISTI.

MILLER'S Carpenter's and Mavor's Spelling Books.

MAY.—If it be true that “bees are as useful as chickens, and as easily raised,” then every farmer ought to set about that work in good earnest. That they afford a luxurious and healthy food is undoubted. Bees need little feeding, and are not expensive. They want a comfortable home, covered from the storm and sun. They must also be protected from the marauding miller. Many swarms cannot be kept in the one place, but every farmer may raise honey enough for the use of his own family, and have a surplus. A single swarm of bees, well attended to, will soon produce as many swarms as ought to be kept in one place. Bees obtain their food from the flowers which are the producers of the raw material. The little manufacturers treasure up the fruit of their own industry, and the farmer's chief business is properly to prepare the bank of deposit, upon which he may draw at sight.

6th Month:

JUNE, 30 Days.

Begins on Friday 77]

Moon's Phases.	Moon's Phases.					
	D.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Third Quarter.....	4	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	11	0 23 mo.	0 17 mo.	0 5 mo.	11 53 3rd.	11 45 3rd.
First Quarter.....	18	1 44 mo.	9 33 mo.	9 26 mo.	9 14 mo.	9 6 mo.
Full Moon.....	25	1 36 mo.	1 30 mo.	1 18 mo.	1 6 mo.	0 58 mo.
		0 5 ev.	11 59 ev.	11 47 mo.	11 85 mo.	11 27 mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
D. Week.					North.	R. & S.			
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1 Fri.	4 20	7 34	4 27	7 28	22 7	11 48	Calendar, Aspects, & C.		
2 Sat.	20	36	27	29	22 15	Morn.	A very fine day.		
3 G.	4 19	7 37	4 26	7 30	22 22	0 11	Warm and pleasant.		
4 n.	19	37	26	31	22 29	0 30	1st Sunday after Trinity.		
5 es.	18	38	25	31	22 36	0 48	Warm days, cool nights.		
6 Wed.	18	38	25	31	22 42	1 6	ST. BONIFACE.		
7 Thur.	17	39	24	32	22 48	1 27	Aspects changeable.		
8 Fri.	17	40	24	32	22 53	1 51	Cloudy and dull, but not cold.		
9 Sat.	17	41	24	33	22 58	2 22	Fine seasonal weather. Grass flourishing.		
10 G.	4 17	7 41	4 24	7 34	23 3		2nd Sunday after Trinity.		
11 Mon.	17	42	24	34	23 7	8 23	Heat increases, but nights are cool and vegetation progresses.		
12 Tues.	16	42	24	35	23 11	9 19	Be careful of young vinea.		
13 Wed.	16	43	24	36	23 14	10 5	There will be sharp night frosts about now.		
14 Thur.	16	43	24	36	23 17	10 40			
15 Fri.	16	44	23	37	23 20	11 9			
16 Sat.	16	44	23	37	23 22	11 34			
17 G.	4 16	7 44	4 23	7 37	23 24	11 55	3rd Sunday after Trinity.		
18 Mon.	16	45	23	38	23 25	Morn.	Thunderous clouds are visible. A storm at hand.		
19 Tues.	16	46	23	39	23 26	0 17	Accession of Q. Victoria's.		
20 Wed.	16	46	23	39	23 27	0 40	A warm time and some dull days, but this day very fine.		
21 Thur.	16	46	23	39	23 27	1 5			
22 Fri.	16	47	23	39	23 26	1 35			
23 Sat.	17	47	24	40	23 26	2 12			
24 G.	4 17	7 47	4 24	7 40	23 25	2 55	4th Sunday after Trinity.		
25 Mon.	18	47	25	40	23 23	Rises.	24th St. John the Baptist.		
26 Tues.	18	47	25	39	23 21	8 55	A very pleasant and agreeable week, not excessively warm.		
27 Wed.	18	46	26	39	23 19	9 26			
28 Thur.	19	46	26	39	23 16	9 55			
29 Fri.	19	46	27	39	23 13	10 14	ST. PETER'S DAY.		
30 Sat.	20	46	27	39	23 9	11 34	Month ends fine.		

Try the Danville School Slate, you would like it.

JUNE.—A recent writer on the culture of wheat says that, although the average yield of this cereal for the last few years has not probably exceeded 15 bushels to the acre, there is really no valid excuse for a rate of production so ridiculously low. It is stated in the "Country Gentleman" that 50 bushels of wheat is a crop possible for all farmers. By some this is thought to be too much, and these are content to put it at 30 bushels although 55 bushels is mentioned as a matter of fact. It is thought that it pays well to cultivate wheat in drills, at an extra cost of from 4 to 6 dollars an acre. The whole cost, not including manure would be about \$24.50. This, on a yield of 50 bushels, brings the cost down to 50 cents. At the price of only \$1 per bushel this would leave a very nice profit of 50 cents per bushel. Most farmers will consider this a fancy sketch, but our wish is to stimulate some to try and do better.

Begins on Frid³77]

MEMORANDUM FOR JUNE.

Toronto.	London.
h. m.	h. m.
11 53 3rd.	11 45 3rd.
9 14 mo.	9 6 mo.
1 6 mo.	0 58 mo.
11 85 mo.	11 27 mo.

Sun on Meridian.		
h.	m.	s.
11	57	34
11	58	58
12	00	52
12	02	21

Bar, Aspects, &c

..... fine day. 0
 and pleasant. 0
 *Day after Trinity*. 1
 days, cool nights. 1
 **WIND.** 2
 changeable, 2
 and dull, but n 3
 Fine seasonab 3
 r. Grass flourish 4
 *Day after Trinity*. 5
 creases, but 5
 are cool and veg 6
 progresses. 6
 l of young vinea 6
 be sharp nig 7
 out now. 7
 *Day after Trinity*. 8
 us clouds are vis 9
 storm at hand. 9
 of Q. Victoria '3 10
 me and some dul 10
 at this day ver 11
 *Day after Trinity*. 12
 in the Baptist. 12
 asant and agree 13
 t, not excessive 13
 **WIND.** 14
 fine. 14
 although the 15
 ably exceeded 16
 a rate of pro 16
 "mleman" tha 17
 some this is 17
 t 30 bushels 17
 thought that it 18
 om 4 to 6 dol 18
 about \$24.50 19
 nts. At the 19
 it of 50 cents 20
 t our wish is 20

PRINTED BY GIBSON'S OFFICE, 24 BOWEN ST. TORONTO, CANADA.

Moon's Phases.	Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	3	4 14 ev.	4	8 ev.	3	56 ev.	3	44 ev.	3	36 e
New Moon.....	10	5 18 ev.	5	12 ev.	5	00 ev.	4	48 ev.	4	40 e
First Quarter.....	17	8 24 mo.	8	18 mo.	8	6 mo.	7	54 mo.	7	46 m
Full Moon.....	25	2 31 mo.	2	25 mo.	2	13 mo.	2	1 mo.	1	53 m

MILLER'S Student's Companion by Prof P. J. Darey, M.A.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			Calendar, Aspects, &c.
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m.	
M. Week.					North.	R. & S.				
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1 G.	4 20	7 46	4 27	7 39	23 5	10 52				
2 Mon.	21	46	28	39	23 01	11 10				
3 Tues.	22	46	29	39	22 56	11 27				
4 Wed.	23	45	30	38	22 51	11 50				
5 Thur.	23	45	30	38	22 45	Morn.				
6 Fri.	24	44	30	38	22 31	0 16				
7 Sat.	24	44	31	38	22 33	0 50				
8 G.	4 25	7 44	4 32	7 38	22 36	1 34				
9 Mon.	26	44	33	38	22 19	2 31				
10 Tues.	26	42	34	37	22 11	Sets				
11 Wed.	27	43	34	36	22 03	8 37				
12 Thur.	27	42	34	36	21 55	9 10				
13 Fri.	28	41	35	36	21 46	9 36				
14 Sat.	29	41	36	35	21 37	9 59				
15 G.	4 30	7 41	4 37	7 34	21 28	10 21				
16 Mon.	31	40	38	34	21 18	10 44				
17 Tues.	32	39	39	34	21 08	11 9				
18 Wed.	33	38	40	33	20 57	11 57				
19 Thur.	34	37	41	32	20 46	Morn.				
20 Fri.	35	36	42	31	20 35	0 12				
21 Sat.	35	35	43	30	20 23	0 53				
22 G.	4 37	7 34	4 43	7 29	20 11	1 43				
23 Mon.	38	33	44	29	19 59	2 41				
24 Tues.	39	32	46	28	19 47	Rises.				
25 Wed.	40	31	46	27	19 34	7 56				
26 Thur.	41	30	47	26	19 20	8 21				
27 Fri.	42	30	48	25	19 07	8 37				
28 Sat.	42	28	49	24	18 53	8 58				
29 G.	4 44	7 27	4 50	7 23	18 39	9 16				
30 Mon.	45	26	51	22	18 24	9 34				
31 Tues.	46	25	52	21	18 9	9 54				

JULY.—We recently read an excellent article on "Educating Horses. We have come to the conclusion that most of the accidents happening with horses (and they are many) arise from defective training. Could the coming generation of horses be kept from their days of colthood to the age of five years in the hands of good and careful managers, there would be a vast difference in the matter of safety. They should never get an advantage, and learn they have more power than man. They should become familiar with strange objects, and accustomed to hits or strokes on the heels, hips, &c. A high spirited horse attached to a carriage has been known to go down a steep hill without hold back straps, because he had been trained to all kinds of usage and sights. Let a horse be taught by careful management that he will suffer no harm from anything he sees or hears, and there would be less danger than is now frequently experienced.

begins on Sunday

Toronto.		London	
h.	m.	h.	m.
3	44 ev.	3	36 e
4	48 ev.	4	40 e
7	54 mo.	7	46 m
1	1 mo.	1	53 m

on Meridian.

h.	m.	s.
12	3	33
12	4	56
12	5	56
12	6	13

Aspects, &c.

after Trinity. 10
 other now but no
 heat. 11
 g and storm a
 damage done by
 tempest. 12
 13
 after Trinity.
 unsettled. 14
 d sultriness.
 day. 15
 n West.
 clear. 16
 17
 after Trinity.
 thin's day. 18
 the 15th, there
 in for several
 continuous rain.
 nt and brief
 arm and useful 19
 20
 after Trinity.
 aspects. 21
 West
 y. 22
 nder.
 i, but on the
 ant. 23
 24
 after Trinity.
 with warmth. 25
 26
 ng Horses.
 ening with
 Could the
 to the age
 would be a
 an advan-
 ld become
 es on the
 en known
 had been
 y careful
 or hears,
 d. 27
 28
 29
 30
 31

REPRODUCED FROM THE ORIGINAL MANUSCRIPT IN THE

8th Month.

AUGUST, 31 Days.

Begins on Wednesday 1877.]

Moon's Phases.	Quebec.	Montreal.	Kingston.	Toronto.	London.
Third Quarter.....	D. 2 h. m. 5 33 mo.	h. m. 5 27 mo.	h. m. 5 15 mo.	h. m. 5 3 mo.	h. m. 4 55 mo.
New Moon.....	9 0 29 mo.	0 23 mo.	0 11 mo.	11 59 8th.	11 51 8th.
First Quarter.....	15 5 40 ev.	5 34 ev.	5 22 ev.	5 10 ev.	5 2 ev.
Full Moon.....	23 6 22 ev.	6 16 ev.	6 4 ev.	5 52 ev.	5 44 ev.

The Danville School Slates are superior to any now in use.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m. s.
1	Wed.	h. m. 4 48	h. m. 7 24	h. m. 4 54	h. m. 7 18	Deg. Min. 17 54	h. m. 10 16	1	12	6 1
2	Thur.	50	22	55	17	17 39	10 44	9	12	5 12
3	Fri.	51	21	56	16	17 23	11 22	18	12	3 33
4	Sat.	52	20	57	15	17 7	Morn.	25	12	1 48
5	G.	4 53	7 19	4 53	7 14	16 51	0 12	Calendar, Aspects, &c.		
6	Mon.	55	17	59	13	16 35	1 16	Very sultry day.		
7	Tues.	56	16	5 00	12	16 18	2 32	Some wind stirring but still continues close and sultry with showers.		
8	Wed.	57	14	1	10	16 1	Sets.	10th Sunday after Trinity.		
9	Thur.	58	12	2	8	15 43	7 34	A terrific thunder storm during this moon's quarter. Not of wide range, but unusual in power and splendor. A change and settled coolness.		
10	Fri.	59	11	3	7	15 26	7 58	11th Sunday after Trinity.		
11	Sat.	5 1	9	5	5	15 8	8 22	Pleasant calm, but some considerable heat.		
12	G.	5 2	7 8	5 6	7 4	14 50	8 46	Assumption Day.		
13	Mon.	3	7	7	3	14 32	9 10	Rain and wind.		
14	Tues.	4	5	8	1	14 13	9 37	Clearing up and settled fine weather.		
15	Wed.	5	3	9	6 59	13 54	10 11	12th Sunday after Trinity.		
16	Thur.	6	2	10	58	13 35	10 49	Fine Harvest weather.		
17	Fri.	7	1	11	57	13 16	11 38	West, much done. East, prospect of good crops.		
18	Sat.	8	6 59	12	56	12 57	Morn.	The root crops growing.		
19	G.	5 9	6 57	5 13	6 54	12 37	0 33	ST BARTHOLOMEW'S DAY.		
20	Mon.	11	55	14	52	12 18	1 34	Rather dull, but warm.		
21	Tues.	12	54	16	50	11 58	2 40	13th Sunday after Trinity.		
22	Wed.	13	52	17	49	11 37	Rises.	Violent thunder storm in the Province of Quebec.		
23	Thur.	14	50	18	47	11 17	6 44	Many frightened, but not much damage done.		
24	Fri.	16	48	19	46	10 57	7 3	Warm and fine day.		
25	Sat.	18	46	20	44	10 36	7 21			
26	G.	5 19	6 45	5 21	6 43	10 15	7 39			
27	Mon.	20	43	22	40	9 52	7 59			
28	Tues.	21	41	24	38	9 33	8 20			
29	Wed.	22	40	25	37	9 11	8 47			
30	Thur.	23	38	26	36	8 50	9 19			
31	Fri.	24	36	27	34	8 28	10 3			

AUGUST.—When the price of wool gets down there arises a doubt concerning the value of sheep breeding. He is a wise man who refuses to yield to the spasm of supposed loss in a matter of this kind. It is then that the breeder has an opportunity of exercising his discretion by culling his flocks, and removing all inferior, or non-productive sheep. Let none be kept that shears less than four pounds of wool. Discard all scrub rams or scrub ewes. Send all half-breed bucks to the shambles, and secure for service the best thorough-bred rams. The best flocks are those which are going to pay. It is with sheep as it is with swine or with cattle—there must be selections, and some pains taken with breeding stock. Painstaking is pay-making. Let the man who has a good flock of sheep endeavour to make it better. Don't give up because prices are down. Improve your stock and prices will range higher.

on Wednesday 1877.]

MEMORANDUM FOR AUGUST.

Toronto.	London.
a. m.	h. m.
3 mo.	4 55 mo
59 8th.	11 51 8th
10 ev.	5 2 ev.
52 ev.	5 44 ev.

on Meridian.

h.	m.	s.
12	6	1
12	5	12
12	3	33
12	1	48

r, Aspects, &c.
 y day.
 stirring but still
 s close and sultry
 wers.

.....
y after Trinity.
 thunder storm
 is moon's quar-
 of wide range,
 al in power and
 A change and
 blness.

.....
after Trinity.
 lm, but some
 le heat.

Day.
 nd.
 and settled fine

.....
after Trinity.
 weather.
 done. East,
 good crops.
 s growing.

OMEW'S DAY.
 ut warm.

.....
after Trinity.
 der storm in
 e of Quebec.
 ened, but not
 e done.
 e day.

doubt con-
 refuses to
 is then that
 culling his
 et none be
 scrub rams
 secure for
 which are
 there must
 staking is
 leavour to
 rove your

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31

Paper Hangings and Window Shades shipped direct to Customers from Factory.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
New Moon	D. 7	h. m. 8 12 mo.	h. m. 8 6 mo	h. m. 7 54 mo.	h. m. 7 42 mo.	h. m. 7 34 mo.
First Quarter	14	6 20 mo.	6 14 mo.	6 2 mo.	5 50 mo.	5 42 mo.
Full Moon	22	10 46 mo.	10 40 mo.	10 28 mo.	10 16 mo.	10 8 mo.
Third Quarter	30	1 32 mo.	1 26 mo.	1 14 mo.	1 2 mo.	0 54 mo.

DAYS.	M. Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1	Sat.	5 26	6 34	5 28	6 32	8 6	11 00			
2	G.	5 23	6 32	5 30	6 29	7 45	Morn.			
3	Mon.	29	30	30	28	7 22	0 8			
4	Tues.	30	28	32	26	7 00	1 26			
5	Wed.	31	27	32	25	6 38	2 48			
6	Thur.	32	24	34	23	6 16	4 10			
7	Fri.	33	23	35	21	5 53	5 47			
8	Sat.	35	21	36	20	5 31	6 47			
9	G.	5 36	6 19	5 37	6 18	5 8	7 11			
10	Mon.	37	17	39	16	5 45	7 39			
11	Tues.	39	16	39	15	4 22	8 10			
12	Wed.	39	14	40	13	3 59	8 47			
13	Thur.	40	12	41	11	3 36	9 33			
14	Fri.	42	10	42	9	3 13	10 27			
15	Sat.	43	7	43	7	2 50	11 27			
16	G.	5 44	6 6	5 45	6 5	2 27	Morn.			
17	Mon.	45	4	46	3	2 4	0 30			
18	Tues.	46	2	47	1	1 40	1 35			
19	Wed.	48	6 00	48	6 00	1 17	2 39			
20	Thur.	49	5 57	49	5 57	0 54	3 40			
21	Fri.	50	56	50	56	0 30	4 42			
22	Sat.	51	54	52	54	0 7	Rises.			
23	G.	5 52	5 52	5 52	5 52	South.	6 5			
24	Mon.	54	50	53	50	0 39	6 26			
25	Tues.	56	48	54	49	1 2	6 52			
26	Wed.	56	46	55	47	1 26	7 23			
27	Thur.	57	45	57	45	1 49	8 2			
28	Fri.	59	43	59	43	2 12	8 53			
29	Sat.	6 00	40	6 00	40	2 36	9 55			
30	G.	6 2	5 38	6 1	5 39	2 59	11 7			

Calendar, Aspects, &c.
 Cool and pleasant.
 14th Sunday after Trinity.
 A drizzly chilly day.
 Some rain about now.
 Some frost has touched the vines. The weather on the whole pleasant.
 Calm and serene.
 15th Sunday after Trinity.
 Cloudy and damp.
 Considerable wind.
 Changeable.
 Rain and wind.
 A rather dull day.
 Again rainy.
 16th Sunday after Trinity.
 Settled and warmer.
 Gathering storms, but pass away, and the aspects are quiet.
 St. Matthew's Day.
 Dull and cool day.
 17th Sunday after Trinity.
 A rough wind. The foliage changes and falls.
 St. Cyprian's Day.
 A cool and pleasant day.
 St. Michael and all Angels.
 Cool and windy.
 18th Sunday after Trinity.

SEPTEMBER.—Some of our readers may be benefited by what a friend says to us about "butter tubs"—he says: "I will say a few words in regard to using 'old butter tubs' or boxes for the second or more times. I have used two butter boxes almost constantly for more than thirty years, and they are better now than when new. It is not the number of times tubs are used that makes them unfit for future use, but the want of proper preparation before they are first used, and the care of them afterwards. Soak with strong brine just previous to filling, and pack while the tub is thoroughly wet. Thus prepared the butter will not adhere to the tubs, nor will it absorb woody tastes. After emptying, wash the tub well with boiling water and than thoroughly dry. These are then better than new tubs, for the original wood flavor is lost, and the tubs may be used for any number of years with care.

1
2
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Begins on Saturday.

1877.]

MEMORANDUM FOR SEPTEMBER.

	Toronto.	London.
h. m.		h. m.
no.	7 42 mo.	7 34 mo.
no.	5 50 mo.	5 42 mo.
no.	10 16 mo.	10 8 mo.
no.	1 2 mo.	0 54 mo.

Sun on Meridian.			
P.	h.	m.	s.
1	11	59	44
9	11	57	05
18	11	58	56
25	11	51	30

alendar, Aspects, &c.
and pleasant.

unday after Trinity.
lizzily chilly day
rain about now.
frost has touched the
es. The weather on the
ole pleasant.
and serene.

unday after Trinity.
y and damp.
derable wind.
geable.
and wind.
er dull day.
rainy.

unday after Trinity.
d and warmer.
ring storms, but pass
y, and the aspects are

atthew's Day.
nd cool day.

unday after Trinity.
h wind. The foliage
ges and falls.

orian's Day.
and pleasant day:
hael and all Angels.
nd windy.

unday after Trinity.

what a friend says
words in regard to
imes. I have used
thirty years, and
nber of times tubs
ant of proper pre-
afterwards. Soak
while the tub is
re to the tubs, nor
b well with boil-
er than new tubs,
sed for any num-

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

10 _____

11 _____

12 _____

13 _____

14 _____

15 _____

16 _____

17 _____

18 _____

19 _____

20 _____

21 _____

22 _____

23 _____

24 _____

25 _____

26 _____

27 _____

28 _____

29 _____

30 _____

The College and Bishop's Book to be put in the Library

10th Month.

OCTOBER, 31 DAYS.

Begins on Monday, 1877.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	6	5 10 ev.	5 4 ev.	4 52 ev.	4 40ev.	4 32ev.
First Quarter.....	13	10 54 ev.	10 48 ev.	10 36 ev.	10 24ev.	10 16ev.
Full Moon.....	22	2 43 mo.	2 37 mo.	2 25 mo.	2 13mo.	2 5 mo.
Third Quarter.....	29	9 33 mo.	9 27 mo.	9 15 mo.	9 3mo.	8 55 mo.

All the leading College and School Text Books to be had at ROBERT MILLER'S

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D.	h. m.	s.
M. Week.	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1 Mon.	6 3	5 37	6 2	5 38	3 22	Morn.	1	11 49	31
2 Tues.	4	35	3	36	3 46	0 24	9	11 47	11
3 Wed.	5	33	4	34	4 09	1 44	18	11 45	09
4 Thur.	7	31	6	33	4 32	3 3	25	11 44	07
5 Fri.	8	30	6	32	4 55	4 22	Calendar, Aspects, &c.		
6 Sat.	9	27	7	29	5 18	Sets.	Month opens fine and pleasant which continues for some days.		
7 G.	6 11	5 25	6 9	5 27			Changeable but not yet disagreeable.		
8 Mon.	12	24	10	26	5 41	5 36	A very fine day.		
9 Tues.	12	21	11	24	6 04	6 6	19th Sunday after Trinity		
10 Wed.	14	20	12	22	6 27	6 6	Nights cold—frosty.		
11 Thur.	15	19	14	20	6 50	7 25	Very fine days.		
12 Fri.	17	17	15	19	7 12	8 17	Some rushing winds in Central Canada accompanied with rain.		
13 Sat.	18	14	16	17	7 35	9 16	Very cool in Quebec.		
14 G.	6 20	5 12	6 17	5 15	7 58	10 19	20th Sunday after Trinity		
15 Mon.	21	11	19	13	8 20	11 24	Morn.		
16 Tues.	23	9	20	12	8 42	8 42	Some chilly rains,		
17 Wed.	24	7	21	9	9 4	0 28	No severe frost but yet it is very cold.		
18 Thur.	25	5	22	8	9 26	1 30	St. Luke the Evangelist.		
19 Fri.	26	4	23	6	9 48	2 32	At moon's change, weather dull and cool.		
20 Sat.	28	2	25	5	10 10	3 34			
21 G.	6 29	5 1	6 27	5 3	10 31	4 37			
22 Mon.	31	4 59	28	2		5 41	21st Sunday after Trinity		
23 Tues.	32	57	29	4 59	2	11 14	Rises.		
24 Wed.	33	55	30	58	11 35	5 52	Aspects rather wintry down East. In west a great deal of fall plowing done, weather favorable therefor.		
25 Thur.	35	53	31	57	11 56	6 2	A cool pleasant day.		
26 Fri.	36	52	32	56	12 17	6 50			
27 Sat.	38	50	34	54	12 37	7 48			
28 G.	6 39	4 49	6 35	4 53	12 57	8 58			
29 Mon.	41	47	36	52	13 18	10 11	22d Sunday after Trinity		
30 Tues.	42	46	38	50	13 37	11 29	28 St. Simon and St. Jude.		
31 Wed.	43	45	40	48	14 17	0 45	Morn. Weather changeable and very cool.		

OCTOBER.—There is a constantly increasing pressure on city populations; by the influx of farmers' sons and daughters. It is a great evil. *Scribner's Monthly* never said any thing more wisely than when referring to a remedy. What is the remedy? How shall farmers keep their children near them? By making agricultural society attractive. Fill the farm house with books and periodicals; establish central reading rooms; encourage social meetings; have concerts and lectures—establish a bright, active social life, that shall give some significance to labour; build your homes in villages. It is better to go a mile to one's daily labour than to place one's self a mile away from any neighbour. Isolation of farm life is the cause of dis-relish for it. It falls upon the woman with a hardship that men cannot appreciate, and drives the young away to seek somewhere more companionship.

Begins on Monday 1877.]

MEMORANDUM FOR OCTOBER.

Toronto.		London	
h.	m.	h.	m.
4	40ev.	4	32ev.
10	24ev.	10	16ev.
2	13mo.	2	5mo.
9	3mo.	8	55mo.

Sun on Meridian.		
P.	h.	m. s.
	11	49 31
	11	47 11
	11	45 09
	11	44 07

Star, Aspects, &c.

opens fine and ple
which continues for
days.
able but not yet
receable.
fine day.

Day after Trinity
cold—frosty.
e days.

ushing winds in
l Canada accom-
with rain.
l in Quebec.

Day after Trinity
lly rains,
e frost but yet it
cold.

the Evangelist.
s change,
lull and cool.

Day after Trinity.
rather wintry
ast. In west a
al of fall plowing
eather favorable

asant day.

Day after Trinity.
m and St. Jude.
hangeable and

populations;
l. Scribner's

to a remedy.
near them?

e with books
social meet-
e social life,
s in villages.

one's self a
cause of dis-
men cannot
more compa-

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

EVANSON'S DIARIES AND MEMORANDUMS

PAYSON, DUNTON and SCRIBNER'S System of Penmanship, Published by ROBERT MILLER.

Moon's Phases.		Quebec.		Montreal.	Kingston.	Toronto.	London.
	D.	h.	m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	5	3	51 mo.	8 45 mo.	3 33 mo.	8 1 mo.	3 18
First Quarter.....	12	6	56 ev.	6 50 ev.	6 38 ev.	6 47 ev.	6 18
Full Moon.....	20	5	31 ev.	5 25 ev.	5 12 ev.	5 18 ev.	4 58
Third Quarter.....	27	5	24 ev.	5 12 ev.	5 00 ev.	4 56 ev.	4 40

M. Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
	h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	6 44	4 44	6 41	4 47	14 36	2 1			
2	46	42	43	45	14 55	3 18			
3	48	40	44	44	15 14	4 33			
4	G.	6 49	4 39	6 45	4 43	15 32	5 51		
5	Mon.	51	37	47	41	15 51	6 5		
6	Tues.	52	36	48	40	16 19	6 15		
7	Wed.	54	34	49	39	16 26	6 5		
8	Thur.	55	32	50	38	16 44	7 1		
9	Fri.	56	31	51	37	17 1	8 5		
10	Sat.	57	29	53	35	17 18	9 10		
11	G.	6 58	4 28	6 54	4 34	17 34	10 15		
12	Mon.	7 00	27	55	33	17 51	11 18		
13	Tues.	1	26	56	32	18 7	11 18		
14	Wed.	3	26	58	31	18 22	Morn.		
15	Thur.	5	25	7 00	30	18 38	0 20		
16	Fri.	6	24	1	29	18 53	1 22		
17	Sat.	7	23	2	28	19 7	2 23		
18	G.	7 8	4 22	7 3	4 27	19 21	3 26		
19	Mon.	11	21	5	26	19 35	4 32		
20	Tues.	12	20	6	25	19 49	5 42		
21	Wed.	13	19	7	24	20 2	Rises.		
22	Thur.	14	18	8	24	20 15	4 45		
23	Fri.	16	18	10	24	20 28	5 39		
24	Sat.	17	17	11	23	20 40	6 48		
25	G.	7 18	4 16	7 12	4 22	20 52	8 3		
26	Mon.	19	15	13	4 22	21 3	9 20		
27	Tues.	21	15	15	21	21 3	1 36		
28	Wed.	22	14	16	20	21 14	11 51		
29	Thur.	23	13	17	19	21 24	Morn.		
30	Fri.	25	13	18	19	21 35	1 3		
						21 44	2 17		

Calendar, Aspects, &c.

9 ALL SAINTS DAY.
A fine cool day and rather frosty nights.

10 23rd Sunday after Trinity.
Disagreeable days by reason of cold rains and some heavy winds.

11 Very dull and chilly.
Change and warmer, but continued dullness.

12 24th Sunday after Trinity.
11th, ST. MARTIN'S DAY.
Variable, but there will be cold rains this week. In the Eastern section early snow storms may be looked for this year.

13 25th Sunday after Trinity.
Rough and stormy.
Changeable and now calm.

14 ST. CECILIA'S DAY.
Pleasant, clear, cold. Steady and cool.

15 26th Sunday after Trinity.
Heavy rains West, snow the East.
Softer days and no severe frost.

16 ST. ANDREW'S DAY.

NOVEMBER.—Land is wasted if there be more dividing fences on a farm than is really necessary. If a farm of 160 acres is divided by fences into fields of ten acres each, there are five miles of fences. If each fence now one rod wide, no less than 10 acres of the land are occupied by fence. This is equal to 6 1/4 per cent. of the farm, and the loss of land is exactly equal to a charge of 6 1/4 per cent. on the whole value of the farm. Then, fence rows are nurseries for weeds, and their seeds are scattered over the farm, occasioning great expense and trouble. Our advice is to reduce the number of fences—clean out, and keep clean the fence-rows by sowing down with grass or clover, and mow them twice a year. A little consideration will show the advantages and profit which would arise from the adoption of working out of these hints: fewer fences—keep all fence rows clean.

12th Month. **DECEMBER, 31 DAYS.** Begins on Saturday

1877.]

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
New Moon.....	D. 4	h. m. 5 16 ev.	h. m. 5 10 ev.	h. m. 4 58 ev.	h. m. 4 46 ev.	h. m. 4 23 ev.
First Quarter.....	12	4 46 ev.	4 40 ev.	4 28 ev.	4 16 ev.	4 8 ev.
Full Moon.....	20	7 3 mo.	6 57 mo.	6 45 mo.	6 32 mo.	6 24 mo.
Third Quarter.....	27	1 32 mo.	1 26 mo.	1 14 mo.	1 2 mo.	6 54 mo.

Plain and Ornamental Binding done at ROBERT MILLER'S

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1	Sat.	h. m. 7 26	h. m. 4 12	h. m. 7 19	h. m. 4 19	Deg. Min. 21 54	h. m. 3 31	Calendar, Aspects, &c. Month opens coldly.		
2	G.	7 28	4 12	7 21	4 19	22 3	4 47	Advent Sunday.		
3	Mon.	28	12	21	19	22 11	6 3	Nothing remarkable.		
4	Tues.	29	11	22	18	22 19	6 3	Steady cold, as winter has fairly set in. Snow.		
5	Wed.	30	11	24	18	22 27	4 47	St. Nicholas day.		
6	Thur.	31	11	25	17	22 34	5 48	Keen frost about now.		
7	Fri.	32	11	26	17	22 41	6 53	Conception of Virgin Mary.		
8	Sat.	33	11	27	17	22 47	8 0	2nd Sunday in Advent.		
9	G.	7 35	4 11	7 28	4 18	22 53	9 4	On the whole seasonable, but some very cold days this week, and with change of moon quite a considerable fall of snow.		
10	Mon.	35	11	28	18	22 58	10 8	3rd Sunday in Advent.		
11	Tues.	36	11	29	18	23 3	11 09	The week is cold.		
12	Wed.	37	11	30	18	23 8	6 50	Clear and fine.		
13	Thur.	38	11	31	18	23 12	6 50	Changeable and threatening for storms.		
14	Fri.	39	11	32	18	23 15	5 45	St. Thomas' Day.		
15	Sat.	39	11	32	18	23 18	7 4	REMEMBER THE POOR.		
16	G.	7 40	4 12	7 33	4 19	23 21	8 28	4th Sunday in Advent.		
17	Mon.	41	12	33	19	23 23	9 41	Christmas Eve.		
18	Tues.	42	12	33	20	23 25	10 56	CHRISTMAS DAY.		
19	Wed.	42	13	34	20	23 25	Morn.	St. Stephen's day.		
20	Thur.	43	13	36	20	23 16	0 9	St. John the Evangelist.		
21	Fri.	43	13	36	20	23 27	1 22	Holy Innocents.		
22	Sat.	44	14	37	21	23 27	2 36	Cold and blustering.		
23	G.	7 44	4 15	7 37	4 21	23 26	3 50	1st Sunday after Christmas.		
24	Mon.	45	15	38	22	23 25	5 1	The year closes coldly.		
25	Tues.	45	16	38	23	23 23				
26	Wed.	45	17	38	24	23 21				
27	Thur.	45	18	38	24	23 19				
28	Fri.	46	18	39	25	23 15				
29	Sat.	46	19	39	25	23 12				
30	G.	7 47	4 20	7 39	4 26	23 8				
31	Mon.	46	20	39	27	23 4				

DECEMBER.—The proper ventilation of sleeping apartments should be considered at all seasons of the year. There is an actual loss of weight every night, of about one pound each, where two persons occupy the same room. Matter has gone off from their bodies, in the form of carbonic acids and other poisonous exhalations. This is diffused through the air and in part absorbed by the bed-clothes. Now, if a piece of wood or cotton be burned in the room it will be filled with smoke and occasion suffocation, although the burned article may not weigh an ounce. There would be the cry of fear; but this smoke is far less poisonous than the exhalations from the lungs of two persons who occupy the same room through the night. They have lost a pound weight. It has gone off from them in pure exhalations. Let then great care be taken to provide ventilation for all apartments at all seasons, and all night long.

The Royal Family.

THE QUEEN.

VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen., Defender of the Faith. Her Majesty was born at Kensington Palace May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV.; was crowned June 28, 1838; and married February 10, 1840, to his late Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward Duke of Kent, son of King George III. The children of Her Majesty are:—
Her Royal Highness VICTORIA-Adelaide-Mary-Louisa, PRINCESS ROYAL OF ENGLAND AND PRUSSIA, born November 21, 1840, and married to his Royal Highness Frederick William Crown Prince of Germany, January 25, 1858, and has issue five sons and four daughters.

His Royal Highness ALBERT-EDWARD, PRINCE OF WALES, born November 9, 1841; married March 10, 1863, Alexandra of Denmark (Princess of Wales), born December 1, 1844, and has issue three sons and three daughters.

Her Royal Highness Alice-Maud-Mary, born April 25, 1843, married to H. R. H. Prince Frederick Louis of Hesse, July 1, 1862, and has issue four daughters and two sons.

His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, born August 6, 1844, married to the Grand Duchess Marie-Alexandrowna and has issue one son.

Her Royal Highness Helena-Augusta-Victoria, born May 25, 1846, married July 5, 1866, Prince Frederick Christian of Schleswig-Holstein, and has issue two sons and three daughters.

Her Royal Highness Louisa-Caroline-Alberta, born March 18, 1848, married March 23, 1871, to the Marquis of Lorne.

His Royal Highness Arthur-William-Patrick-Albert, K. G., born May 1, 1850.

His Royal Highness Leopold-George-Duncan-Albert, born April 7, 1853.

Her Royal Highness Beatrice-Mary-Victoria-Feodore, born April, 14, 1857.

PROFITABLE COWS.—It is far from economical to keep poor stock of any kind, poor cows especially. In a dairy herd, some cows will far more than pay for the cost of keeping, while others not only fall short of this, but entail an actual loss from year to year, and this will often go on indefinitely because no accurate measure and weight of product is kept, and their relative value is not ascertained. In a cheese dairy, for instance, some of the best cows will yield seven hundred pounds of cheese a year, while others in the same herd will not yield over two hundred pounds. But in how many cases will this deficiency be found out and remedied? In a butter dairy, the loss from poor stock will often be more marked. Some cows give milk which is rich in butter, while that of others is very poor. Both milks are put together and the poor quality of one is not found out, perhaps, for many months. The same food is given to one cow that is given to the other, and the cost is about the same; but if the facts were known it would appear that all the profit came from the one cow, while the other was entailing a constant loss. We ought to be more careful in this respect and select our stock with greater reference to quality. A careful examination in this direction would discover some of the worst kind of leaks. Again, cows are often kept beyond their prime, when they are no longer very serviceable, and should have been culled out of the herd and sent to the butcher or got rid of in some other way.—

Real happiness is cheap enough, yet how dearly are we in the habit of paying for its counterfeit.

His Excellency
Governor-General
Governor's mi
Littleton, of the
Lieut. F. Ward,
F. Cumberland,
Deputy Govern
A. Meredith, LL.

Their Honors
Caron, Quebec;
C.B., New Brunsv
Island; hon. Ale
Territories; hon.

COMMAND

Premier and
Minister of Justice
Militia and Defenc
pee; Minister of Fi
venue, hon. F. Geo
Minister of Marin
hon. L. S. Hunting
St. Just; Secret
of the Interior.—
Clerk of the Privy
Clerks.—F. H. Him
pee, and Frank Ne
Grenier, W. Groon
Dedimus potestatem

ALWAYS UP TO T
paration in autumn
A week of delay in
mer. Crops sowed
cost ten-fold to de
train out of time w
fold. Every local tr
hours loss. Provid
of tools; postpone n
work than the force
manner.

The chief secret of
prudently cultivatin
great ones are let ou

DOMINION OF CANADA.

Seat of Government, Ottawa.

GOVERNOR-GENERAL.

His Excellency the Right Honorable Earl of Dufferin and Clandeboye,
Governor-General of the Dominion of Canada.

Governor's military secretary, Lieut.-Col. Hon. Edward George Percy Littleton, of the Grenadier Guards; lieut. F. R. Hamilton, 9th Foot, and Lieut. F. Ward, R. N., aides-de-camp; lieut. colonel Bernard, lieut. colonel F. Cumberland, extra aides-de-camp; F. Baker, private secretary.

Deputy Governors to sign Money Warrants.—Wm. A. Himsforth and E. A. Meredith, LL.D.

LIEUTENANT GOVERNORS.

Their Honors the hon. D. A. McDonald, Ontario; hon. René Edouard Caron, Quebec; hon. Adam G. Archibald, Nova Scotia; hon. S. L. Tilley, C.B., New Brunswick; hon. Sir Robert Hodgson, Knight, Prince Edward Island; hon. Alexander Morris, Manitoba; hon. David Laird, North West Territories; hon. J. W. Trutch, British Columbia.

COMMANDING HER MAJESTY'S FORCES IN BRITISH NORTH AMERICA.

Lieut. General O'Grady Haly, K.C.B.

PRIVY COUNCIL.

Premier and Minister Public Works, hon. Alexander McKenzie; Minister of Justice and Attorney General, hon. Edw. Blake; Minister of Militia and Defence, hon. W. B. Vail; Minister of Customs, hon. Isaac Burpee; Minister of Finance, hon. Richard J. Cartwright; Minister of Inland Revenue, hon. F. Geoffrion; President of the Privy Council, hon. J. Cauchon; Minister of Marine and Fisheries, hon. A. J. Smith; Postmaster General, hon. L. S. Huntington; Minister of Agriculture, hon. Luc Letellier de St. Just; Secretary of State for Canada, hon. R. W. Scott; Minister of the Interior, —; Receiver General, hon. Thomas Coffin. *Officers*—Clerk of the Privy Council, Wm. A. Himsforth; assistant, J. O. Coté. *Clerks*.—F. H. Himsforth, H. Alexander, Wm. Horace Lee, Lewis J. Burpee, and Frank Newby; M. Naughton, doorkeeper and messenger; Benoni Grenier, W. Groom and Wm. Reynolds, messengers. *Commissioner per Dedimus potestatem*.—Wm. A. Himsforth.

ALWAYS UP TO TIME.—The wide-awake farmer should make every preparation in autumn for the timely performance of work the coming season. A week of delay in the routine of work may derange it for the whole summer. Crops sowed late are reduced in amount. Weeds allowed to grow cost ten-fold to destroy. Those who have ever travelled on an express train out of time will understand this. Every hindrance is increased ten-fold. Every local train must be waited for. Ten minutes too late is two hours loss. Provide every facility therefore in time; procure a full set of tools; postpone nothing that can be done now; and lay out no more work than the force engaged can carry through promptly and in the best manner.

The chief secret of comfort lies in not suffering trifles to vex one, and in prudently cultivating an undergrowth of small pleasures, since very few great ones are let out on long leases.

R. MILLER, Importer of Inks, Twines, Pens, Envelopes, Photographic Albums, Slates, Satchets & Fancy Boxes

RATES OF POSTAGE.

Postage on all matter transmissible by Post—within Canada—to Prince Edward Island, Newfoundland, Great Britain, &c., &c.

LETTER RATES.

Between places within the Dominion.....	3cts. per	$\frac{1}{2}$ oz.
Between Canada and the United States.....	3cts. per	$\frac{1}{2}$ oz.
Between Canada and Newfoundland.....	6cts. per	$\frac{1}{2}$ oz.
Between Canada and the United Kingdom.....	5cts. per	$\frac{1}{2}$ oz.

Pre-payment should, in all cases, be made by Postage Stamp.

REGISTRATION FEES.

Within the Dominion.....	2cts. each letter
To the United States.....	5cts. do do
To Newfoundland.....	2cts. do do
To the United Kingdom.....	8cts. do do

These Registration Fees are, of course, in addition to the Postage.

NEWSPAPER RATES.

Between places in the Dominion, to the United States, to Newfoundland publishers pre-pay their edition in bulk, at the rate of one cent for each pound weight; no further charge on delivery. Transient newspaper within the Dominion, to the United States, Newfoundland, 1c. per 4 oz., to the United Kingdom, 2c. per 4 oz., to be pre-paid by stamp.

ON CANADIAN PERIODICALS.

From office of publication, or from news agencies, for places in the Dominion, to the United States or to Newfoundland, the postage rate is the same as for Newspaper, *i.e.*, 1c. per lb., when paid by the bulk weight. Transient Periodicals, 1c. per 4 oz.

PERIODICALS AND BOOKS FOR UNITED KINGDOM.

Are subject to the British Book Rates, namely:—

Under 1 oz.....	2c.
Between 1 oz. and 2 oz.....	4c.
do 2 " " 4 ".....	6c.
do 4 " " 8 ".....	12c.

And so on, the scale progressing by a rate of 6c. for every 4 oz.

LOCAL OR "DROP" LETTERS AND POSTAL CARDS.

1c. per $\frac{1}{2}$ oz. to be pre-paid.
Canadian Postal Cards of 1c. each circulate within the Dominion, Newfoundland and United States.

MISCELLANEOUS POSTAL MATTER.

On Books, Pamphlets, Occasional Publications, Printed Circulars, Price Current, Hand Bills, Book and Newspaper Manuscript, Printers' Proof Sheets, Maps, Prints, Drawings, Engravings, Lithographs, Photographs, Sheet Music, Documents, wholly or partly printed or written, such as Deeds, Insurance Policies, Militia and School Returns, or other documents of like nature, Packages of Seeds, Cuttings, Bulbs, &c., Patterns or Samples of Goods or Merchandise, when posted in Canada, for any place in Canada, the rate is 1c. per 4 oz. in weight, to be pre-paid by stamp.

Miscellaneous matter as above specified for the United States or Newfoundland, may also be forwarded on pre-payment of the 1c. per 4 oz. rate, with the exception of packets of samples and patterns of merchandise addressed to the United States, on which a special rate of 10c. has to be pre-paid, which must not exceed 3 oz.

POSTAGE RATES TO THE COLONIES

COUNTRY	POSTAGE RATE
Australia	
do	
Argentine Confed	
Austria	
Bahamas	
Belgium	
Bermuda	
Brazil	
Cape of Good Hope	
Ceylon	
Chili	
Cuba	
Denmark	
Egypt	
France	
do	
Germany	
Gibraltar	
Holland	
Hong Kong	
India	
Italy	
Japan	
Malta	
Mexico	
New Zealand	
Norway	
Russia	
Spain	
Sweden	
Switzerland	
West Indies }	
Danish }	
West Indies }	
Except where otherwise	

Table shewing Postage Rates to REGISTERED LETTERS
France.
German
India...

BONE SPAIN.—The
It effected a cure in a
ing three weeks; the
lameness was entirel
ment, 2 oz.; tincture
 $\frac{1}{2}$ dr. Mix the above
ment and apply for th
it for two days, then

POSTAGE RATES ON LETTERS AND PAPERS TO PRINCIPAL COLONIES AND FOREIGN COUNTRIES, PREPAYMENT COMPULSORY.

COUNTRY.	Per ½ oz.	Newspapers.	ROUTE.
Australia	cents. 8	cents. 4	Via San Francisco
do	16	4	" England.
Argentine Confederation	26	6	" New York.
Austria	10	4	" England.
Bahamas	6	4	" New York.
Belgium	10	4	" England.
Bermuda	8	4	" New York.
Brazil	18	..	" "
Cape of Good Hope	28	4	" England.
Ceylon	22	4	" "
Chili	20	6	" New York.
Cuba	8	4	" England.
Denmark	10	4	" "
Egypt	10	6	" "
France	10pr ¼ oz	per 2 oz	" "
do	16pr ½ oz	4	" "
Germany	10	4	" "
Gibraltar	10	4	" "
Holland	10	4	" "
Hong Kong	13	4	" San Francisco.
India	22	4	" England.
Italy	10	4	" "
Japan	18	6	" San Francisco.
Malta	10	4	" England.
Mexico	13	..	" New York.
New Zealand	15	4	" San Francisco.
Norway	10	4	" England.
Russia	10	4	" "
Spain	16	6	" "
Sweden	10	4	" "
Switzerland	10	4	" "
West Indies }	8	..	" New York.
Danish }	8	..	" "
West Indies	16	16	" "
Except where otherwise stated..			

Table shewing Postage, including Registration Fee, to be collected on REGISTERED LETTERS, from Canada to

France	28c. per ½ oz.
Germany	30c. " ½ oz.
India	42c. " ½ oz.

BONE SPAVIN.—The following is said to be an "entirely successful remedy." It effected a cure in a mare that had been spavined three years by applying three weeks; the enlargement of the joint remained the same, but the lameness was entirely cured: "Take cantharides, 1 oz; mercurial ointment, 2 oz.; tincture iodine, 1½ oz.; turpentine, 2 oz.; corrosive sublimate, 1½ dr. Mix the above with one pound lard. Clip the hair on the enlargement and apply for three days. Then wash clean with soap suds and grease it for two days, then apply the remedy again as before."

MONEY ORDERS.

Every money order office in the Province of Quebec, Ontario, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba and British Columbia, issues money orders on every other money order office in the Provinces, as well as on every money order office in the United Kingdom. Every money order office in the United Kingdom also issues money orders on every money order office in these Provinces.

All the money order Post Offices are authorized to draw money orders on each other for any sum up to \$100, and for as many orders of \$100 each as the applicant may require, upon the following terms, viz.,

On Orders up to \$4.....	2 cents
“ “ \$10.....	5 “
“ over \$10 and up to \$20	10 “
“ over \$20 “ \$40	20 “
“ over \$40 “ \$60	30 “
“ over \$60 “ \$80	40 “
“ over \$80 “ \$100	50 “

MONEY ORDERS ON THE UNITED KINGDOM.

The money order offices throughout the Dominion also draw upon the money order offices in England, Ireland and Scotland, and the Channel Islands, for any sum up to £10 sterling, and grant as many orders for sterling each as may be needed to make up the amount to be remitted. The terms are as under:

On Orders up to £2.....	25 cents.
“ over £2 and up to £5.....	50 “
“ over £5 “ £7.....	75 “
“ over £7 “ £10.....	\$1.00

MONEY ORDERS ON THE LOWER PROVINCES.

The money order offices in Canada draw also upon all money order offices in Newfoundland. Orders like those of the United Kingdom are made payable in sterling money, and for sums up to £10 sterling. The terms are:

For orders up to £5, 25 cents.
“ over £5 and up to £10, 50 cents.

No half cents can be introduced into orders.

ORDERS ON BRITISH INDIA.—On Orders up to £2, 30 cts.; Over £2, and up to £5, 60 cts.; Over £5, and up to £7, 90 cts.; Over £7, and up to £10, \$1.20.

ORDERS ON UNITED STATES.—On Orders up to \$20, 25 cts.; on Orders up to \$40, 50 cts.

No money order exceeding \$100 in amount can be granted in any office in Canada; but Postmasters are at liberty to grant two or more orders of \$100, or for any lesser sum.—They cannot, however, grant two or more orders for sums of or under \$30 on the same day to the same applicant in favor of the same payee.

NEW FACTS ABOUT BUTTER.—We gather the following interesting facts from the *Agricultural Gazette*:—A report has been made to the Board of Inland Revenue by the Principal of the Chemical Laboratory, Somerset House, on experiments conducted by him for the analysis of butter; 100 samples were tested, the result being that while a few samples were found to be very poor in quality, and a few others exceptionally rich, the greater bulk examined were found to possess considerable uniformity of composition, the principal variations being apparently due to a difference in the method of manufacture, the different seasons of the year when made, and the various modes of feeding. As might be expected, some of the poorer

ROBERT MILLER, imports Mappin & Webbs, Rodgers' and other celebrated Makers' Office Cutlery.

1. The direct deposits made in
2. Any person number of dollars
3. Deposits made by women
4. As respects women.
5. A depositor is his deposits at an
6. Each depositor to the Postmaster and the sums paid receiving or paying
7. Each depositor in Ottawa, and in a direct acknowledgment his sent to the depositor within ten days immediately to the Postmaster, and, if necessary, re-

butters were produced when there was noticed that the butter when the food was roots and grass formed recorded is the greatest butters, the lowest The Devon and Dorset found to contain in one which was produced as much as 169.99 per cent from the same source, contained in some measure elucidated which certain butter earthenware vessels. prepared butters and disappearance of the assimilation to the which appears to be accompanied by the development of use of sour cream or but-

POST OFFICE SAVINGS BANK.

- Quebec, Ontario, Manitoba and British Columbia order office in the United Kingdom issues money on
1. The direct security of the Dominion is given by the Statute for all deposits made in the Post Office Savings Banks.
 2. Any person may have a deposit account, and may deposit nearly any number of dollars, from \$1 up to \$300, or more, with the permission of the Postmaster General.
 3. Deposits may be made by married women, and deposits so made, or made by women who shall afterwards marry, will be repaid to any such women.
 4. As respects children under ten years of age, money may be deposited—
 FIRSTLY—By a parent or friend as Trustee for the child, in which case the deposits can be withdrawn by the Trustee until the child shall attain the age of ten years, after which time repayment will be made only on the joint receipts of both Trustee and child.
 SECONDLY—In the child's own name—and, if so deposited, repayment will not be made until the child shall attain the age of ten years.
 5. A depositor in any of the Savings Bank Post Offices may continue his deposits at any other of such offices without notice or change of Pass Book, and can withdraw money at that Savings Bank Office which is most convenient to him. For instance, if he makes his first deposit at the Savings Bank at Cobourg, he may make further deposits at, or withdraw his money through, the Post Office bank at Collingwood or Quebec, Sarnia, Brockville, or any place which may be convenient to him, whether he continue to reside at Cobourg or remove to some other place.
 6. Each depositor is supplied with a Pass Book, which is to be produced to the Postmaster every time the depositor pays in or withdraws money, and the sums paid in or withdrawn are entered therein by the Postmaster receiving or paying the same.
 7. Each depositor's account is kept in the Postmaster General's Office, in Ottawa, and in addition to the Postmaster's receipt in the Pass Book, a direct acknowledgement from the Postmaster General for each sum paid in is sent to the depositor. If this acknowledgement does not reach the depositor within ten days from the date of his deposit, he must apply immediately to the Postmaster General, by letter, being careful to give his address and, if necessary, renew his application until he receives a satisfactory reply.

Over £2, and £7, and up to £

cts.; on Orders

anted in any of or more orders grant two or more same applicant

interesting fact to the Board Laboratory, Somerset of butter; samples were found rich, the gravity of comparison difference in when made, one of the poor

butters were produced by and obtained from small farmers in Ireland, at a time when there was very little grass, and food was scarce. It was also noticed that the butter was relatively poorer in its essential constituents when the food was chiefly cotton and oil cake, than was the case when roots and grass formed the staple food. A noticeable feature in the results recorded is the great variation in the quantity of water in the different butters, the lowest being 4.15 per cent. and the highest 20.75 per cent. The Devon and Dorset butters, which usually stand so high in market, were found to contain in nearly all cases a high percentage of water, and one which was procured from the dairy of a private gentleman contained as much as 169.99 per cent., and a second sample, recently obtained from the same source, contained 15.70 per cent. Another point of interest was in some measure elucidated, and which has reference to the deterioration which certain butters undergo when kept in small quantities in glass or earthenware vessels. It was found that whilst some of the finest and best prepared butters undergo little or no change, there is in others a gradual disappearance of the characteristic principles of butter, and a consequent assimilation to the constitution of an ordinary animal fat. This change, which appears to be due to an incipient fermentation, and is generally accompanied by the development of fungi, is probably caused either by the use of sour cream or by insufficient care in making butter.

8. When a depositor wishes to withdraw money, he can do so by applying to the Postmaster General, who will send him by return mail a cheque for the amount, payable at whatever Savings Bank Post Office the depositor may have named in his application.
9. Interest at the rate of 4 per cent. per annum is allowed on deposits, and the interest is added to the principal on the 30th June in each year.
10. Postmasters are forbidden by law to disclose the name of any depositor, or the amount of any sum deposited or withdrawn.
11. No charge is made to depositors on paying in or drawing out money, nor for Pass Books, nor for postage on communications with the Postmaster General in relation to their deposits.
12. The Postmaster General is always ready to receive and attend to all applications, complaints, or other communications addressed to him by depositors or others, relative to Post Office Savings Bank business.
13. A full statement of the Regulations of the Post Office Savings Bank may be seen at the nearest Post Office.

THE STAMP ACTS.

These Acts impose a duty on every promissory note, draft, or bill of exchange, not exceeding \$25, 1 cent; not exceeding \$50, 2 cents; less than \$100, 3 cents; not less than \$100, if executed singly, 3 cents per \$100, or fraction thereof; if executed in duplicate, 2 cents per \$100, or fraction thereof on each part; if executed in more than two parts, 1 cent per \$100 or fraction thereof on each part.

Any interest payable with note at maturity must be counted as part thereof. The duty is to be paid by *bill stamp* on which the date is to be written. Bank notes, checks, and money orders are exempt. These Acts impose heavy penalties for violation.

FACTS WORTH KNOWING

Much of the trouble experienced in postal matters arises from carelessness, and a few general hints may be found of value:—

See that every letter, newspaper, or packet is securely folded and sealed, for every such packet has to be several times handled, and in the mail-bag is exposed to compression and friction.

Carefully secure every letter containing money or valuables, first with gum or mucilage and then with wax, and be sure to leave a good impression of a seal.

Never seal with wax letters for the East and West Indies, and other hot climates, as the wax melts and letters adhere to one another. The practice gives rise to serious inconvenience and injury.

When letters are delayed or missing, communicate immediately with the Inspector of the Division in which the Post Office is situated. In case of a missing letter state the exact contents, address, the office at which the letter was posted, the name of the person by whom posted and the name of the person by whom received at the office. In case of a delayed letter or paper, send the envelope or cover in an entire state to the Inspector, so that the place of delay may be ascertained by an examination of the post marks.

In the event of a supposed abstraction of money or valuables from a letter, send the letter and cover to the Inspector for the Division in which is situated the office at which the letter was delivered, stating day and hour on which delivered, name of Postmaster or Clerk by whom delivered, and persons by whom received.

Save the small potatoes, for there will be a scarcity in potato-beetle regions.

Salt is the very best curative for parasitic diseases among sheep, and it also answers every purpose as a preventive.

COURT OF QUEEN'S BENCH
July and August.

COURT IN APPEAL
September and December
ember.

CROWN SIDE.—Quebec
and 24th September;
6th March and 1st
Aylmer, 21st January
New Carlisle, 13th February
and 4th November;
25th March and 25th

MONTREAL.—Hoch
Laprairie, Chambly
from 17th to 27th October

QUEBEC.—Portneuf
Quebec. Held at
July, and August.

OTTAWA.—Ottawa
February, June and

THREE RIVERS.—M
Champlain and Ni
April, 28th June to
to 4th January.

TRANSPLANTING
quiries about trans-
upon choosing ex-
found the *when* so
fall, and early and
no doubt that the
tion is active wou
and much later pl
roots from becomi
that will be its ul
great distance, a
packed in wet m
better be kept s
use. Probably g
will be pretty su
established, well
an obstacle to th
staked.

Every farmer r
mer weather, wh
selves in during
to cattle when t

A method of f
powder it finely
with an equal q
and carefully c

COURTS.

PROVINCE OF QUEBEC.

COURT OF QUEEN'S BENCH.—17th to 27th of every month, except January, July and August.

COURT IN APPEAL AND ERROR.—Montreal, 11th to 22nd March, June, September and December; Quebec, 1st to 8th March, June, September and December.

CROWN SIDE.—Quebec, 27th April and 27th October; Montreal, 24th March and 24th September; Three Rivers, 4th April and 5th October; Sherbrooke, 6th March and 1st October; Kamouraska, 5th April and 21st November; Aylmer, 21st January and 1st July; Percé, 13th March and 13th August; New Carlisle, 13th February and 13th July; Arthabaskville, 19th February and 4th November; Beauce, 13th March and 13th October; Montmagny, 25th March and 25th November.

TERMS.

MONTREAL.—Hochelaga, Jacques Cartier, Laval, Vaudrenil, Soulanges, Laprairie, Chambly, Vercheres and City of Montreal. Held at Montreal from 17th to 27th of every month, except January, July, and August.

QUEBEC.—Portneuf, Quebec, Montmorenci, Levis, Lotbinière and City of Quebec. Held at Quebec, from 1st to 5th of every month, except January, July, and August.

OTTAWA.—Ottawa and Pontiac. Held at Aylmer, from 13th to 19th February, June and November.

THREE RIVERS.—Maskinongé, St. Maurice, (including City of Three Rivers, Champlain and Nicolet. Held at Three Rivers from 28th March to 3rd of April, 28th June to 4th July; 28th September to 4th October; 28th December to 4th January.

TRANSPLANTING EVERGREENS.—Each spring there come numerous enquiries about transplanting evergreens, and many think success depends upon choosing exactly the proper time. In our experience we have not found the *when* so important as the *how*, having removed the trees in the fall, and early and late in the spring. If one can have his choice of times, no doubt that the period when the swelling of the buds shows that vegetation is active would be preferable, but we have succeeded with much earlier and much later planting. The one great and all important point is to keep the roots from becoming dry. If these are dry, send the tree to the brush-heap, as that will be its ultimate destination. If the trees are to be brought from no great distance, a dull day may be waited for; otherwise the roots must be packed in wet moss, or puddled, or some protection given them; they had better be kept soaking wet than to dry at all. Some ask what manure to use. Probably guano would kill them the quickest, but fresh stable manure will be pretty sure. Never manure an evergreen at planting. When well established, well decomposed manure will be of use. The top affords such an obstacle to the wind that all trees over two or three feet high should be staked.

Every farmer should gather a quantity of road dust during the dry summer weather, which will be found very useful for the fowls to dust themselves in during the winter to rid themselves of vermin, also for applying to cattle when troubled that way.

A method of preserving seeds is to dry some garden earth in the sun, and powder it finely. The seeds dried for three days in the sun are then mixed with an equal quantity of this earth, and put, while still hot, in dry bottles and carefully corked.

CIRCUIT COURTS.

JURISDICTION FOR SUMS NOT EXCEEDING \$200.

MONTREAL DISTRICT.—Montreal Circuit, Montreal, 10th to 15th of every month, except January, July and August.

QUEBEC DISTRICT.—Quebec Circuit Court, 16th to 21st January and June and 20th to 25th of every month, except July and August.

THREE RIVERS DISTRICT.—Three Rivers Circuit, Three Rivers, 22nd to 27th March, June, September and December.

OTTAWA DISTRICT.—Ottawa Circuit, Aylmer, 7th to 12th March, June, and November.

Ottawa County, (2nd), Papineauville, 7th to 10th January, May and September.

Ottawa County Circuit. Held at Buckingham, 19th to 20th January, May and September.

PROVINCE OF ONTARIO.

COURT OF ERROR AND APPEAL.—Constituted for the hearing of appeals in civil cases from the Courts of Queen's Bench, Chancery and Common Pleas and appeals in Criminal cases from the Courts of Queen's Bench and Common Pleas. From the judgment of this Court, an appeal lies to the Supreme Court of Canada, in cases over \$4,000, or where annual rent, fee, or future pleas and appeals in criminal cases from the Courts of Queen's Bench and rights of any amount are effected.

COURT OF QUEEN'S BENCH.—The jurisdiction of this Court extends to all manner of actions, causes and suits, criminal and civil, real, personal and mixed, within Ontario, and it may proceed in such, by such process and course as are provided by law.

COURT OF COMMON PLEAS.—This Court has the same powers and jurisdiction, as a Court of Record, as the Court of Queen's Bench. Writs of summons and *causis* issue alternately from either Court.

COURT OF CHANCERY.—This court has the like jurisdiction as the Court of Chancery in England, in cases of fraud, accident, trusts, executors, ad-

FATTENING ANIMALS.—A very common error among farmers, which needs correction, is the opinion that animals may be fattened in a few weeks, and fitted for market, by heavy feeding or, as it is termed, by pushing. Many farmers do not think of beginning to fatten their hogs or cattle for early Winter market until Autumn has actually commenced. Their food is then suddenly changed, and they are dosed with large quantities of grain or meal. This sudden change often deranges the system, and it is frequently some time before they recover from it. From observation and inquiry we find that the most successful managers adopt a very different course. They feed moderately, with great regularity, and for a longer period. The most successful pork-raiser that we have met with commences the fattening of his swine for the winter market early in the preceding spring. In fact, he keeps his swine in a good growing condition all through the winter. He begins moderately, and increases the amount gradually, never placing before the animal more than it will freely eat. With this treatment, and strict attention to the comfort and cleanliness of the animal, his spring pigs at ten months usually exceed 300 pounds, and have sometimes gone as high as 450 pounds; and pigs wintered over reach a weight of 500 or 600. The corn, which is ground and scalded before feeding, nets him, on an average, not less than \$1 per bushel when the market price of pork is 5c per pound.

Walks, says the *Gardeners' Chronicle*, should not be hoed. Hand-weeding and rolling in showery weather is the best method, and by far the most economical, the process of hand-weeding being formidable in name only.

Judson's Mucilage and Simple Dyes, kept by ROBERT MILLER.

administrators, co-partnership
idiots, lunatics and their
and to prevent multiplicity
against equity and good co
avoidance of letters patent
of Chancery in England po

COUNTY COURTS.—Presid
Their jurisdiction extends t
claimed do not exceed \$20
contract, where the amount
nature of the defendant, to
of bail given in the County
ing the title to lands, valid
con., or seduction.

SURROGATE COURTS.—Th
tamentary matters and cau
of wills, and letters of ad
having estate or effects in C
nected with the grant or r
to an appeal to the Court o

COURTS OF GENERAL SES
a Court of General Sessi
Tuesday in June and Dece
county said Court is held i
in March, June and Decem
meanor, but treason and ca

COURT OF ERROR AND AP
at Toronto, in the months
by rule or order from time

LAW TERMS.—Hilary beg
of the ensuing week; East
day of the second week t
November, and ends Satur

CHANCERY TERMS.—*Exa*
to the Saturday after the 2
September to the Saturday
—From 4th Monday in A
from 3rd Monday in Novem
Court also sits every Tues

COUNTY COURT TERMS.—
terms in each year, to cor
July and October.

CARE FOR SICK ANIMAL
human beings, when sick
promptly on the bowels.

says that sulphate of sod
cheap remedies for sick an
be given to horses, cattle,
The dose as a purgative is

Horses,...

Cattle,...

Sheep an

Dogs,....

In these doses it is alwa
two or three times its w
smaller doses, as a condin
taken.

ministrators, co-partnerships, account, mortgages, awards, dower, infants, idiots, lunatics and their estates, waste, specific performance, discovery, and to prevent multiplicity of suits, staying proceedings at law prosecuted against equity and good conscience, and may decree the issue, repeal or avoidance of letters patent, and generally the like powers which the Court of Chancery in England possesses.

COUNTY COURTS.—Presided over by a resident Judge in each County. Their jurisdiction extends to all personal actions where the debt or damages claimed do not exceed \$200; and to all suits relating to debt, covenant or contract, where the amount is ascertained by the acts of the parties or signature of the defendant, to \$400; and to all bail bonds and recognizances of bail given in the County Court, to any amount; but not to cases involving the title to lands, validity of wills, or actions for libel, slander, crim. con., or seduction.

SURROGATE COURTS.—The jurisdiction of these Courts relates to all testamentary matters and causes, and to the granting or revoking of probate of wills, and letters of administration of the effects of deceased persons having estate or effects in Ontario, and all matters arising out of or connected with the grant or revocation of probate or administration, subject to an appeal to the Court of Chancery.

COURTS OF GENERAL SESSIONS.—The County Judge in each county holds a Court of General Session in his county semi-annually on the second Tuesday in June and December, except in the County of York, in which county said Court is held three times, commencing on the second Tuesday in March, June and December, for the trial of cases of felony and misdemeanor, but treason and capital felonies are exempt from their jurisdiction.

Terms of the Courts.

COURT OF ERROR AND APPEAL.—This Court holds its sittings twice a year at Toronto, in the months of January and June, upon such days as it may by rule or order from time to time appoint.

LAW TERMS.—Hilary begins first Monday in February, and ends Saturday of the ensuing week; Easter begins third Monday in May, and ends Saturday of the second week thereafter; Michaelmas begins third Monday in November, and ends Saturday of the second week thereafter.

CHANCERY TERMS.—*Examination Terms.*—From 1st Tuesday of February to the Saturday after the 2nd Tuesday of April; and from 1st Tuesday of September to the Saturday after 1st Tuesday of November. *Hearing Terms.*—From 4th Monday in April until Saturday of the following week, and from 3rd Monday in November until Saturday of the following week. The Court also sits every Tuesday (except during the regular vacations.)

COUNTY COURT TERMS.—The several County Courts in Ontario hold four terms in each year, to commence on the first Monday in January, April, July and October.

CARE FOR SICK ANIMALS.—The most of our domestic animals are like human beings, when sick—all they require is a dose of medicine to act promptly on the bowels. One of our most experienced veterinary surgeons says that sulphate of soda (glauber salts), is one of the most useful and cheap remedies for sick animals that farmers can use. This remedy may be given to horses, cattle, sheep, swine or dogs, with equally good results. The dose as a purgative is as follows:

Horses,.....	One to two pounds.
Cattle,.....	One-half to one pound.
Sheep and swine,....	Three to five ounces.
Dogs,.....	One to two ounces.

In these doses it is always necessary to give it as a drench, dissolved in two or three times its weight of water; but when given to horses in smaller doses, as a condiment, diuretic or laxative, it is generally readily taken.

BANKS.

ONTARIO.

Place.	Name of Bank.	Manager or Agent.
Almonte.....	Merchants' Bank of Canada	F A W Lister
Arnprior.....	Bank of British North America	Robert Steven
	Bank of Ottawa.....	D M Finnie
Aurora.....	Federal Bank of Canada.....	George Mair
Ayr.....	Consolidated Bank of Canada.....	John Wyllie
Barrie.....	Bank of Toronto.....	
	Canadian Bank of Commerce.....	William Smith
Belleville.....	Bank of Montreal.....	R Richardson
	Merchants' Bank of Canada.....	R Thomson
	Consolidated Bank of Canada.....	James Young
Berlin.....	Consolidated Bank of Canada.....	C J Brent
	Merchants' Bank of Canada.....	Charles Crookall
Bowmanville.....	Dominion Bank.....	J A Codd
	Ontario Bank.....	Geo McGill, Manager
Bradford.....	Standard Bank of Canada.....	T Dewson
Brampton.....	Merchants' Bank of Canada.....	F Cresswell, jun

ROBERT MILLER keeps a full Stock of Pirie & Son's Writing Papers and Envelopes.

SOME MISTAKES IN REGARD TO FERTILIZERS.—It is a favorite theory of some scientific writers that most soils by excessive cropping are exhausted of their three leading elements, nitrogen, potash and phosphoric acid, while the other constituents are so well supplied by a majority of soils and some of them so little required by the crop, that we need not concern ourselves about them. But the fallacy of this idea is evident on a moment's reflection, and the attempt to establish a general system of fertilizing crops on a foundation so questionable is surprising. There are not less than three essential points which are overlooked in assuming this position. In the first place, admitting that the other and less important elements of plant food are abundantly present in a majority of soils, it does not follow that their condition is such as to give them any present value to the crops; and if they are not available for the crop they might as well be absent. Secondly, it matters not how small the quantity may be of any given element needed by the intended crop, that quantity, whether it be one pound per acre or one hundred pounds, must be present in the soil and must be in a soluble condition. Thirdly, the quantity of each element that must be found in the soil is not to be limited to the exact amount required by the growing plant, but should be much larger. A crop, for example, may require not more than one pound of soda per acre; yet to make sure that it will get one pound, it is very clear that the acre must contain much more than that quantity. It is, therefore, a great mistake to say to the farmer that for every crop he plants he needs only to concern himself about three manurial elements. Suppose that animal dung were deprived of all its plant-food excepting these same three elements. Does any practical farmer believe that its value would not be impaired? In every view of the subject it is easy to see that no formula for fertilizing an acre of land is either sound or trustworthy that omits such elements as soda, lime and magnesia, to say nothing of the others. The wheat crop, for example, requires for a yield of twenty-five bushels per acre not less than ten and a half pounds of magnesia, while for Indian corn a product of thirty-eight bushels per acre requires over twelve pounds of the same element. Now let us suppose the case of two farms lying in the same township, one of which happens to be supplied with magnesia in the right condition for the crop, while in the soil of the other this constituent is either entirely wanting or is chemically locked up in a form that makes it useless. In the case of the first farm the Professor's method might succeed if applied for either wheat or corn, provided the other conditions were all right; but in the case of the second farm the formula would be, in any event, worthless.

Place.	Bank or Agent.
Brantford.....	Bank of Canada
	Bank of Montreal
	Canadian Bank of Commerce
Brockville.....	Bank of Montreal
	Molson
Cannington.....	Standard Bank
Cayuga.....	Bank of Canada
Chatham.....	Bank of Canada
	Consolidated Bank of Canada
	Merchants' Bank of Canada
Clinton.....	Consolidated Bank of Canada
Cobourg.....	Bank of Canada
	Bank of Montreal
	Dominion Bank
Colborne.....	Standard Bank
Collingwood.....	Bank of Canada
	Canadian Bank of Commerce
Cornwall.....	Bank of Canada
Dundas.....	Bank of Canada
Dunnville.....	Bank of Canada
Elora.....	Merchants' Bank of Canada
Exeter.....	Molson
Fergus.....	Bank of Canada
	Merchants' Bank of Canada
Galt.....	Bank of Canada
	Consolidated Bank of Canada
	Merchants' Bank of Canada
Gananoque.....	Merchants' Bank of Canada
Georgetown.....	Bank of Canada
Goderich.....	Bank of Canada
	Canadian Bank of Commerce
Guelph.....	Bank of Canada
	Canadian Bank of Commerce
	Federal Bank
Hamilton.....	Bank of Canada
	Bank of Montreal
	Bank of Toronto
	Canadian Bank of Commerce
	Consolidated Bank of Canada
	Merchants' Bank of Canada
Harriston.....	Standard Bank
Ingersoll.....	Merchants' Bank of Canada
	Imperial Bank
Kincardine.....	Merchants' Bank of Canada
Kingston.....	Bank of Canada
	Bank of Montreal
	Merchants' Bank of Canada
Lindsay.....	Bank of Canada
	Merchants' Bank of Canada
	Ontario Bank
Listowell.....	Bank of Canada

SORE FEET IN SHEEP.
flannel, say three inches
calomel in this, and then
a soft cloth, and then
injure the foot, and then
the sack containing the
dry time to perform the
hours after the applica-
one. It is very conven-
the application of blis-
certain. We have kept
things, have never found
collar and saddle galls
in its application in ou-

<i>Please.</i>	<i>Name of Bank.</i>	<i>Manager or Agent.</i>
Brantford.....	Bank of British North America.	A Robertson
	Bank of Montreal.....	S Read
	Canadian Bank of Commerce.....	J Pollock
Brockville.....	Bank of Montreal.....	J N Travers
	Molsons Bank.....	J W B Rivers
Cannington.....	Standard Bank of Canada.....	John Houston
Cayuga.....	Canadian Bank of Commerce.....	W Roberts
Chatham.....	Canadian Bank of Commerce.....	W S Ireland
	Consolidated Bank of Canada.....	A Richardson
	Merchants' Bank of Canada.....	Robert N Rogers
Clinton.....	Consolidated Bank of Canada.....	M Lough
Cobourg.....	Bank of Montreal.....	C Brough
	Bank of Toronto.....	J H Roper
	Dominion Bank.....	W D Burn
Colborne.....	Standard Bank of Canada.....	F R Schon
Collingwood.....	Bank of Toronto.....	W R Wadsworth
	Canadian Bank of Commerce.....	John McMaster
	Bank of Montreal.....	Neil McLean
Cornwall.....	Canadian Bank of Commerce.....	D Just
Dundas.....	Bank of British North America.	F O Cross
Dunnville.....	Merchants' Bank of Canada.....	Wm Kingsley
Elora.....	Molsons Bank.....	E W Strathy
Exeter.....	Bank of Montreal.....	G D Ferguson
	Merchants' Bank of Canada.....	Wm Kingsley
Fergus.....	Canadian Bank of Commerce.....	E Cowdry
	Consolidated Bank of Canada.....	John Cavers
	Merchants' Bank of Canada.....	J S Meredith
Gananoque.....	Merchants' Bank of Canada.....	A Petrie
Georgetown.....	Bank of Hamilton.....	E A Colquhoun
Goderich.....	Bank of Montreal.....	James H Finlay
	Canadian Bank of Commerce.....	A M Ross
Guelph.....	Bank of Montreal.....	T A Kerr
	Canadian Bank of Commerce.....	G W Sandilands
Hamilton.....	Federal Bank of Canada.....	T Y Greet
	Ontario Bank.....	E Morris
	Bank of Hamilton.....	H C Hammond, Cashier
Harriston.....	Bank of British North America.	Thomas Corsan
	Bank of Montreal.....	Thos R Christian
	Canadian Bank of Commerce.....	John C Kemp
Ingersoll.....	Consolidated Bank of Canada.....	J M Burns
	Merchants' Bank of Canada.....	William Cooke
	Standard Bank of Canada.....	R B Somerville
Kincardine.....	Merchants' Bank of Canada.....	David Kemp
	Imperial Bank of Canada.....	C E Chadwick
	Merchants' Bank of Canada.....	T E P Trew
Kingston.....	Bank of British North America.	George D. rnford
	Bank of Montreal.....	R M Moore
	Merchants' Bank of Canada.....	D Fraser
Lindsay.....	Bank of Montreal.....	H Dunford
	Merchants' Bank of Canada.....	D Miller
	Ontario Bank.....	S A McMurtry
Listowell.....	Bank of Hamilton.....	W Corbould

SORE FEET IN SHEEP.—Get some calomel, have a little sack made of thin flannel, say three inches long by half an inch wide, place some of the calomel in this, and tie shut. Clean out the sheep's feet thoroughly with a soft cloth, and then spread open the cleft as far as possible, without injuring the foot, and dust the affected parts by gently striking them with the sack containing the calomel. We presume it would be better to have a dry time to perform the cure, or to keep the sheep under cover for some hours after the application. We do no paring unless the case is a very bad one. It is very convenient of application, and is much less painful than the application of blue vitriol. The cure is much speedier and more certain. We have kept Merino sheep for many years, and after trying many things, have never found anything equal to this for the above, and also for collar and saddle galls on horses, while there is not a particle of danger in its application in our experience.

Gillott's, Mitchell's and other makers Steel Pens at ROBERT MILLER'S.

Place.	Name of Bank.	Manager or Agent.	
London.....	Bank of British North America.....	Oswald Weir	
	Bank of Montreal.....	F A Despard	
	Canadian Bank of Commerce.....	R W Smylie	
	Federal Bank of Canada.....	Charles Murray	
	Merchants' Bank of Canada.....	W F Harper	
Lucan.....	Molsons Bank.....	Joseph Jeffrey	
	Canadian Bank of Commerce.....	James S Carnegie	
Markham.....	Standard Bank of Canada.....	F A Reesor	
Meaford.....	Molsons Bank.....	F Fuller	
Millbrook.....	Molsons Bank.....	C W Clinch	
Mitchell.....	Merchants' Bank of Canada.....	R D Freeman	
Morrisburgh.....	Molsons Bank.....	B Clouston	
Mount Forest.....	Ontario Bank.....	J F Feilde	
Napanea.....	Bank of British North America.....	A Allan, Acting Agent	
	Merchants' Bank of Canada.....	Alex Smith	
Newcastle.....	Standard Bank of Canada.....	J K Allen	
Newmarket.....	Consolidated Bank of Canada.....	Joseph Cawthra	
Norwich.....	Consolidated Bank of Canada.....	Jas Macdonald	
Orangeville.....	Canadian Bank of Commerce.....	R T Haun	
	Merchants Bank of Canada.....	A M Kirkland	
Orillia.....	Dominion Bank.....	H S Scadding	
Oshawa.....	Dominion Bank.....	J H McLennan	
	Ontario Bank.....	R Milroy	
Ottawa.....	Standard Bank of Canada.....	J B Cummins	
	Bank of British North America.....	James Robertson	
Ottawa.....	Bank of Montreal.....	A Drummond	
	Bank of Ottawa.....	P Robertson, Cashier	
	Canadian Bank of Commerce.....	R Gill	
	La Banque Nationale.....	Samuel Benoit	
	Merchants' Bank of Canada.....	Thomas Kirby	
	Ontario Bank.....	J H Woodman	
	Quebec Bank.....	H V Noel	
	Union Bank of Lower Canada.....	J G Leisch	
	Owen Sound.....	Merchants' Bank of Canada.....	John Potenger
		Molsons Bank.....	Thos Blakeney
Paisley.....	Canadian Bank of Commerce.....	J F Paterson	
Paris.....	Bank of British North America.....	John Carnegie	
Park Hill.....	Exchange Bank of Canada.....	D E Cameron	
Pembroke.....	Merchants' Bank of Canada.....	Hector Fraser	
	Quebec Bank.....	J Walker	
Perth.....	Bank of Montreal.....	R J Drummond	
	Merchants' Bank of Canada.....	James Gray	
Peterborough.....	Bank of Montreal.....	F J Lewis	
	Bank of Toronto.....	J M Smith	
	Canadian Bank of Commerce.....	W Manson	
Picton.....	Ontario Bank.....	George E Shaw	
	Bank of Montreal.....	Fred White	
Port Colborne.....	Standard Bank of Canada.....	W Munroe	
	Imperial Bank of Canada.....	T H Nasmith Capital \$1,000,000.	
Port Elgin.....	Bank of Hamilton.....	H S Steven	
Port Hope.....	Bank of Montreal.....	R A Macgregor	
	Bank of Toronto.....	A M Cosby	
Port Perry.....	Ontario Bank.....	G H G McVity	
	Ontario Bank.....	A C Mowbray	
Prescott.....	Merchants' Bank of Canada.....	J F Harper	
Pr.Arthur's L'ding.....	Ontario Bank.....	W Beithe	

Place.	Name
Renfrew.....	Bank of
St. Catherines.....	Mercha
St. Mary's.....	Bank of
	Federal
St. Thomas.....	Mercha
Sarnia.....	Molsons
	Bank of
Seaforth.....	Canadi
Simcoe.....	Consoli
Smith's Falls.....	Bank of
	Mercha
Stratford.....	Bank o
Strathroy.....	Mercha
Thorold.....	Canadi
Tilsonburg.....	Quebec
Toronto.....	Mercha
	Bank o
	Bank o
	Canad
	Consol
	Domin
	Domin
	Bran
	Federal
	Imperi
	La Ban
	Merch
	Molso
	Ontari
	Quebec
	Stand
Trenton.....	Canadi

pain in the overtasked caused by the pressure and heavier the weight hour or two, the colt neck laid solidly down "take the bit" with puller. No method of this, inflicting, as it d few cases, actually pu ment.

In growing older, gu the rascalities of the w Better in this matter fo age.

Above all 'other fea stands foremost in the

The greatest pleasure the greatest luxury is h medicine is a true frien

BITTING COLTS THE WRONG WAY.—A clerical friend of ours feelingly describes the cruelties of the machine-fashion thus:—The colt is let out into the yard, the machine strapped on his back, the bit of iron or steel jammed into his mouth, the check rein adjusted, and the colt's head drawn suddenly up into the air, and the trainer stands on one side. The colt, of course, struggles, and rears, and plunges. We have seen all this done in less than two minutes after the "bitting-machine" was adjusted. The results are unnecessary pain, spoiling the colt's mouth till the wounds can heal, souring the colt's temper and teaching him nothing. Then the machine is left on; the colt stands an hour; perhaps five hours; perhaps all day. For the first few minutes he strives to keep his head up, and the bit loose in his mouth, because it pains him; but pretty soon the head sags; the

Place.	Name of Bank.	Manager or Agent.
Renfrew	Bank of British North America.....	J Watson
.....	Merchants' Bank of Canada.....	C G Morgan
St. Catharines	Bank of Toronto.....	Joseph Henderson
.....	Canadian Bank of Commerce.....	H C Barwick
.....	Consolidated Bank of Canada.....	Wm T Benson
.....	Imperial Bank of Canada.....	C M Arnold, Manager
.....	Quebec Bank.....	D B Crombie
St. Mary's	Bank of Montreal.....	R Hillyard
.....	Federal Bank of Canada.....	C S Rumsey
St. Thomas	Merchants' Bank of Canada.....	A M Crombie
.....	Molsons Bank.....	Geo Kendal Morton
Sarnia.....	Bank of Montreal.....	W L Creighton
.....	Canadian Bank of Commerce.....	T W Nisbet
Seaforth	Consolidated Bank of Canada.....	M P Hayes
Simcoe.....	Bank of Montreal.....	F F Blackader
.....	Canadian Bank of Commerce.....	F W Holmested
.....	Federal Bank of Canada.....	Henry Groff
Smith's Falls.....	Molsons Bank.....	A Lloyd Thomas
Stratford	Bank of Montreal.....	J Hogg
.....	Merchants' Bank of Canada.....	C H Ransom
Strathroy	Canadian Bank of Commerce.....	A H Ireland
.....	Federal Bank of Canada.....	W Thom-son Smith
Thorold.....	Canadian Bank of Commerce.....	W J Robertson
.....	Quebec Bank.....	G W Henry
Tilsonburg.....	Merchants' Bank of Canada.....	R W Cresswell
Toronto.....	Bank of British North America.....	Samuel Taylor
.....	Bank of Montreal.....	G W Yarker
.....	Bank of Toronto.....	G Hague, Cashier
.....	Canadian Bank of Commerce.....	W N Anderson, Gen Manager J S Lockle, L Manager
.....	Consolidated Bank of Canada ..	J Turnbull, Manager
.....	Dominion Bank	R H Bethune, Cashier
.....	Dominion Bank, Queen St. Branch	Jas Price
.....	Federal Bank.....	H S Strathy, Cashier
.....	Imperial Bank of Canada.....	D RWilkie, Cashier
.....	La Banque Nationale.....	Bank of Toronto, Agent
.....	Merchants' Bank of Canada.....	Arch Cameron
.....	Molsons Bank.....	L H Robertson
.....	Ontario Bank.....	A Fisher
.....	Quebec Bank.....	Jas L Scarth
.....	Standard Bank of Canada	J L Brodie, Cashier
Trenton	Canadian Bank of Commerce.....	P H Fanquier

pain in the overtaken muscles of the neck is even greater than that caused by the pressure of the bit. Little by little the head droops; heavier and heavier the weight of it is laid upon the bit; and, in the course of an hour or two, the colt stands weary or stolid, the weight of his head and neck laid solidly down upon the bit. The colt is being taught, you see, to "take the bit" with a vengeance. He is actually being educated to be a puller. No method of biting can be more vicious and villainous than this, inflicting, as it does, torture on the innocent victim, and, in not a few cases, actually putting the animal beyond the reach of future betterment.

In growing older, guard against increasing temptation to gossip about the rascalities of the world that comes of increased knowledge of them. Better in this matter follow the ignorance of youth with the reticence of age.

Above all other features which adorn the female character, delicacy stands foremost in the province of good taste.

The greatest pleasure of life is love; the greatest treasure is contentment; the greatest luxury is health; the greatest comfort is sleep; and the best medicine is a true friend.

Terry, Stoneman & Co's, Oxford, Note Paper and Envelopes at ROBERT MILLER'S.

Place.	Name of Banker.	Manager or Agent.
Uxbridge.....	Dominion Bank.....	W H Holland
Walkerton.....	Merchants' Bank of Canada.....	Alex Sproat
Waterloo.....	Merchants' Bank of Canada.....	D M Harman
Welland.....	Imperial Bank of Canada.....	J McGlashan
Whitby.....	Dominion Bank.....	H B Taylor
Windsor.....	Ontario Bank.....	Thomas Dow
	Canadian Bank of Commerce.....	B E Walker, Manager
	Merchants' Bank of Canada.....	H R Morton
Wingham.....	Molsons Bank.....	C D Grasett
	Standard Bank of Canada.....	W J Hayward
Woodstock.....	Canadian Bank of Commerce.....	W A Sampson
	Consolidated Bank of Canada.....	Thos McDonald
Yorkville.....	Federal Bank of Canada.....	R J Montgomery

QUEBEC.

Beauharnois.....	Merchants' Bank of Canada.....	Norbert Roy
Bedford.....	Exchange Bank of Canada.....	T L Rogers
Carleton.....	La Banque Nationale.....	John Meagher
Coaticook.....	Eastern Townships Bank.....	B Austin
	Metropolitan Bank.....	A W Hart
Cowansville.....	Eastern Townships Bank.....	J McKinnon
Fraserville.....	Stadacona Bank.....	James Rafferty
Gaspé.....	La Banque Nationale.....	J Le Boutillier & Co
Gaspé Basin.....	La Banque Nationale.....	John Le Boutillier
Granby.....	Merchants' Bank of Canada.....	J H Stewart
Joliette.....	Exchange Bank of Canada.....	D O Pease
Levis.....	Merchants' Bank of Canada.....	I Wells
Montreal.....	Bank of British North America.....	C McNab, General Manager R R Grindley, L'l Manager
	Bank of Montreal.....	R B Angus, General Manager W J Buchanan, L Manager
Bank of Toronto.....	D Coulson	
Banque d'Hochelaga.....	Jean Salem, Paquet	
Banque Jacques Cartier.....	Hon J L Beaudry, President	
Banque Ville Marie.....	Pierre Aimé Fatueux	
Canadian Bank of Commerce.....	W Simpson	
Consolidated Bank of Canada.....	J B Renny, General Manager	
Exchange Bank of Canada.....	C A Murray, Cashier	
La Banque du Peuple.....	A A Trottier, Cashier	
La Banque Nationale.....	J B Saucier	
Mechanics' Bank.....	W Dunn, Prov Manager Jackson Rae, General Man Walter Watson, Assistant General Manager W W L Chipman, Local Manager	
Merchants' Bank of Canada.....		

Place.	Name of Banker.
Montreal.....	Metropolit
	Molsons B
	Ontario B
	Quebec B
	Union Ban
Quebec.....	Bank of B
	Bank of M
	La Banqu
	Quebec B
	Stadacona
	Union Ban
Richmond.....	Eastern T
Rimouski.....	Molsons B
St. Hyacinthe.....	La Banqu
	Merchant
St. Johns.....	Banque d
	Merchant
Sherbrooke.....	Consolid
	Eastern T
	La Banqu
Sorel.....	Merchant
	Molsons B
Stanstead.....	Eastern T
Three Rivers.....	La Banqu
	Quebec B
	Union B
Waterloo.....	Eastern T
West Farnham.....	Banque d
	M
Winnipeg.....	Merchan
	Ontario
	N O
Amherst.....	Bank of
Annapolis.....	Union B
Antigonish.....	Merchan
Bridgewater.....	Merchan
Halifax.....	Bank of
	Bank of
	People's
	Merchan
	Union B
	Halifax

MANURING IN FALL.—We have long since made repeated observations, confirming the truth that for many purposes manure is worth at least twice as much spread in autumn, as the following spring. Yet the practice is not uncommon with farmers who may have manure lying in their yards through summer, to omit the drawing out till wanted the next season. Those who feed cornstocks for fodder find it too long and coarse to apply in the spring next after feeding out, but the heaps into which it should be thrown will be well rotted by September. It is then in perfect condition to be drawn and applied. It does most good on grass lands; and if these are intended to be inverted next spring for corn, it will give at least double the results produced by spring application. It will impart a vigorous start to grass intended to remain in pasture or meadow. The advantages will be two-fold: it will increase the grass all through the growing season of autumn, and thus produce a good winter mulching for the roots, and become diffused in a more perfect manner through the soil than could be accomplished by any mechanical means.

VENTILATE THE CELLAR.—be so arranged that a flow of air be so arranged that a flow of air windows alone be depend by the banking outside in an outside and inside entrance house keeper to have all house for winter storage weathers to reach her cellar made so tight and careful find no entrance. Drain gauze, and the windows cellar may serve as a clear keeper who has a good comfort, and she can but are of it, letting nothing so often as the case demands oxes, barrels, and all.

Place.	Name of Banker.	Manager or Agent.
Montreal.....	Metropolitan Bank.....	G Wainwright, Cashier
	Molsons Bank.....	F W Thomas, Cashier
	Ontario Bank.....	Chas Holland
	Quebec Bank.....	Thos McDougall
	Union Bank of Lower Canada.....	F Nash
Quebec.....	Bank of British North America.....	C F Smith
	Bank of Montreal.....	J Porteous
	La Banque Nationale.....	François Vézina, Cashier
	Quebec Bank.....	Jas Stevenson, Cashier
	Stadacona Bank.....	W R Dean, Cashier
Richmond.....	Union Bank Lower Canada.....	P McEwen, Cashier
	Eastern Townships Bank.....	A J Cleveland
	Molsons Bank.....	John McMahon
Rimouski.....	La Banque St. Hyacinthe.....	R St Jacques
	Merchants' Bank of Canada.....	F Bartels
St. Hyacinthe.....	La Banque St. Jean.....	
	Merchants' Bank of Canada.....	W L Marler
St. Johns.....	Consolidated Bank.....	William Addie
	Eastern Townships Bank.....	W Farwell, jun, Cashier
	La Banque Nationale.....	P Lafrance
Sherbrooke.....	Merchants' Bank of Canada.....	A A Taillon
	Molsons Bank.....	H C Brewer
Sorel.....	Eastern Townships Bank.....	A P Ball
Stanstead.....	La Banque Nationale.....	Union Bank of Lower Canada
	Quebec Bank.....	F G Wotherspoo
	Union Bank of Lower Canada.....	CA Boxer
Three Rivers.....	Eastern Townships Bank.....	W I Briggs
	Banque de St. Jean.....	Ph Baudoin
Waterloo.....		
West Farnham.....		

MANITOBA.

Winnipeg... ..	Merchants' Bank of Canada.....	D Macarthur
	Ontario Bank.....	George Brown

NOVA SCOTIA.

Amherst.....	Bank of Nova Scotia.....	J M Hay
Annapolis.....	Union Bank of Halifax.....	Thomas S Whitman
Antigonish.....	Merchants' Bank of Halifax.....	T M King
Bridgewater.....	Merchants' Bank of Halifax.....	Andrew Gow
Halifax.....	Bank of British North America.....	Jeffrey Penfold
	Bank of Montreal.....	F Gundry
	Bank of Nova Scotia.....	
	People's Bank.....	Peter Jack, Cashier
	Merchants' Bank of Halifax.....	Geo Maclean, Cashier
	Union Bank of Halifax.....	W S Stirling, Cashier
	Halifax Banking Co.....	Sam H Black, Cashier

VENTILATE THE CELLAR.—In building, one or more of the chimneys should be so arranged that a flue may be used for ventilating the cellar. If windows alone be depended upon, they will probably be closed and sealed by the banking outside in the coldest weather. A cellar should have both an outside and inside entrance. It is about equally uncomfortable for a house keeper to have all the vegetables and meat brought in through the house for winter storage, or to be obliged to run out of doors in all weathers to reach her cellar by an outside door. The cellar should be made so tight and carefully protected in every part that rats and mice can find no entrance. Drains must be protected at the outer end by copper gauze, and the windows by wire-netting in summer, so that the whole cellar may serve as a clean cool "safe" for milk and other food. A house-keeper who has a good cellar, has reason to be thankful for one great comfort, and she can but show her gratitude by taking the best possible care of it, letting nothing be left there to decay, and having it well cleaned so often as the case demands, which is at least every spring, very thoroughly, oxes, barrels, and all.

ROBERT MILLER, keeps a full assortment of Goodall & Sons' Fancy Stationery.

Place.	Name of Banker.	Manager or Agent.
Kentville.....	Bank of Nova Scotia.....	L De V Chipman
Liverpool.....	Bank of Liverpool.....	John Leslie, Cashier
Lockeport.....	People's Bank.....	Austin Locke
Maitland.....	Merchants' Bank of Halifax.....	David Frieze, Agent
New Glasgow.....	Bank of Nova Scotia.....	Jas W Carmichael
North Sydney.....	Bank of Nova Scotia.....	William Ives
Parrsboro.....	Halifax Banking Co.....	A S Townshend, Agent
Pictou.....	Bank of Nova Scotia.....	Howard Primrose
	Merchants' Bank of Halifax.....	William Ives
	Pictou Bank.....	T Watson, Cashier
Stellarton.....	Bank of British North America.....	J F Reid, Agent
Sydney, C. B.....	Merchants' Bank of Halifax.....	J E Burchell
Truro.....	Halifax Banking Co.....	Chas Blanchard, Agent
	Merchants' Bank of Halifax.....	John B Dickie
Weymouth.....	Merchants' Bank of Halifax.....	Colin Campbell, jun
Wolfville.....	People's Bank.....	A D W Barss
Windsor.....	Commercial Bank Windsor.....	Walter Law-son, Cashier
Yarmouth.....	Bank of Nova Scotia.....	James Murray
	Exchange Bank.....	A S Murray
	Bank of Yarmouth.....	J W Johns, Cashier

NEW BRUNSWICK.

Chatham.....	Bank of Montreal.....	R J B Crombie, Agent
Fredericton.....	Bank of British North America.....	R Napier
	People's Bank of N. B.....	S W Babbitt, Cashier
Moncton.....	Bank of British North America.....	W E Collier
	Bank of Montreal.....	D F B Glas, Agent
Newcastle.....	Bank of Montreal.....	F E Winslow, Agent
St. John.....	Bank of British North America.....	J P Lawless
	Bank of Montreal.....	E C Jones
	Bank of New Brunswick.....	Wm Girvan, Cashier
	Bank of Nova Scotia.....	J M Robinson, Agent
	Maritime Bank of Dominion of Canada.....	Alfred Ray, Cashier
St. Stephen.....	Bank of British North America.....	R Burns
	St. Stephen's Bank.....	R Watson, Cashier

MULCHING GRASS FOR WINTER.—The importance of this practice, to which we have just alluded, is not generally appreciated. Grazing short in autumn is one of the very worst things that can be done to meadows and pastures. If any farmer will examine in spring such of his fields as have been closely grazed the previous season, he will find the grass slow and feeble in starting; but where a good growth has left the previous autumn, the new grass will be found pushing strongly, while the grazed portion has hardly started. It is therefore of the utmost importance for early pasturage, that a heavy mass of grass remain to cover the ground in winter. It would be better to feed hay and meal to cattle through October and November, than to destroy the copious pasturage by allowing them to gnaw the plants down to the roots. Some of the best stock farmers make it an important point to retain a mass of grass in their pastures a foot or more high for entering winter, or as would cut with a mowing machine nearly a ton to the acre. They have early and rich pasturage in spring. The importance of keeping meadows also free from cattle in autumn is obvious.

Blessed is the hand that prepares a pleasure for a child, for there is no saying when and where it may bloom forth.

Nobility and riches are reputed to make men happy, yet deserve not to be commended, being derived from others.

PRINCE

Place.	Name of Banker.
Charlottetown.....	Bank of P. I Merchants' Merchants' Island .. Union Bank
Castro ..	Farmer's B
Summerside.....	Merchants' Summerside Union Bank
St. John's.....	Commercial Union Bank

BRIT

Charlottetown.....	Bank of Bri
St. John's.....	Bank of Bri
Victoria.....	Bank of Bri Bank of Bri

TOP-DRESSING WHEAT.—To sow to winter wheat. The climate require it. In some strong, is sufficient. Top-dressers a two-fold purpose, whole surface of the soil. It double benefit on the young sufficiently drained, is some winds over the surface in sprinkling of straw applied by freezing in winter, may exposed, we directed the whole surface early in the winter over twenty bushels per acre other part. This was an excellent small, it is well worthy of

If you would be pungent—the more they are condensed

We should give as we get gratification, for there is no gratification

Some people love others vastly more concerned about

One of the best guardians and for her honor, her own

Every productive occupation of mankind, if followed assiduously connected with it, is an advantage

He who wants good success thereby more ways of expressing

PRINCE EDWARD ISLAND.

Place.	Name of Bank.	Manager or Agent.
Charlottetown.....	Bank of P. E. Island.....	Wm Cundall, Cashier
	Merchants' Bank of Halifax.....	Owen Connolly
	Merchants' Bank of P. E. Island	{ Wm McLean, Cashier
	Union Bank of P. E. Island.....	{ Geo McLeod, Cashier
Rustico	Farmer's Bank of Rustico.	M J Blanchard, Cashier
Summerside.....	Merchants' Bank of Halifax....	{ Stephen McNeill, Agent
	Summerside Bank.....	{ R McC Stavert, Cashier
	Union Bank of P. E. Island.....	Neil McKelvie

NEWFOUNDLAND.

St. John's.....	Commercial Bank Newfoundland.	Robert Brown
	Union Bank of Newfoundland..	{ John W Smith, Manager Randel Green, Cashier

BRITISH COLUMBIA.

Victoria.....	Bank of British Columbia.	Walter Powell
	Bank of British North America ..	James Cran, Agent
	Bank of British Columbia.	Wm C Ward
	Bank of British North America..	John Goodfellow

TOP-DRESSING WHEAT.—The same principle will apply with some variation to winter wheat. The roots should be protected where the soil and climate require it. In some places the natural growth of the leaves, if strong, is sufficient. Top-dressing with manure at the time of sowing answers a two-fold purpose, namely, imparting vigor, and shielding the whole surface of the soil. If grass seed is sown, the manure confers the same double benefit on the young grass. Wheat, growing on land which is sufficiently drained, is sometimes winter-killed by the sweep of sharp winds over the surface in the absence of snow. In such cases, a thin sprinkling of straw applied in autumn, or as soon as the surface is hardened by freezing in winter, may be of much use. On a field of wheat fully exposed, we directed the man in charge to spread straw thinly over the whole surface early in the winter. He did so on a part only. This part gave over twenty bushels per acre; the crop was not worth harvesting on the other part. This was an extreme case; but as the labor and expense is small, it is well worthy of trial even for small results.

If you would be pungent, be brief; for it is with words as with sunbeams—the more they are condensed, the deeper they burn.

We should give as we receive, cheerfully, quickly, and without hesitation, for there is no grace in a benefit that sticks to the fingers.

Some people love others so much better than themselves, that they are vastly more concerned about their neighbor's affairs than their own.

One of the best guardians of a woman's happiness is her husband's love; and for her honor, her own affection is one of the surest safeguards.

Every productive occupation, which adds anything to the capital of mankind, if followed assiduously with a desire to understand everything connected with it, is an ascending stair whose summit is nowhere.

He who wants good sense is unhappy in having learning, for he has thereby more ways of exposing himself.

MILLER Manufactures & keeps constantly in Stock, Bill Books, Pass Books, Time Books & Pocket Books.

MONTREAL TELEGRAPH COMPANY.

Tariff for 1400 Offices within the Dominion and the United States embracing the whole of Ontario and Quebec Provinces, including Portland (Maine), Buffalo, N.Y., Detroit, Mich., and other important places more immediately connected with the St. Lawrence Route, both on American and Canadian Shores.

Message of 10 Words, exclusive of Sender's and Receiver's Address, 25 cents and 1 cent for each additional word.

Similar Messages, between offices not more than 12 miles apart, 15 cents and 1 cent for each additional word.

The Western Union connection embraces all parts of the United States, Mexico, West Indies, Bahamas, Cuba and British Columbia.

DOMINION TELEGRAPH COMPANY.

Enumerates at its own Offices over 300 points in Ontario, Quebec and United States, and connects direct with the Cable of the Anglo-American Line.

Inland Tariff corresponds with that already specified—viz: 25 cents for the 10 word Message, and 1 cent for each additional word. Messages between places not more than 12 miles apart, 15 cents, and 1 cent for each additional word. Sender's name and Receiver's address not counted or charged for.

EMIGRATION DEPARTMENT.

Quebec.—L. Stafford, agent; A. Stein, assistant; P. Doyle, clerk; Wm. Anderson, interpreter; James Lilly, messenger; L. J. Roy, M.D., and A.

THE SELECTION OF COWS.—In order to answer various private inquiries, we will give a convenient method for the dairyman to weed out and select from his own herd the choicest animals that come into his own hands. It is well known that dairymen are seldom able to give any definite account of the comparative value of the individual cows of their herds. How much less is one able to make a critical selection from the herd of another! There are very few who can tell, of the cows they milk, whether one gives 500 or a 1,000 lbs. more than another in a season. They know that one gives more than another, but they have no accurate idea of what the difference is. Yet it must be evident that this knowledge is of great importance; for it often happens that the whole profit of a herd is paid by one-half the number, the other half scarcely paying their keeping. If the dairyman knew which paid and which sunk his capital or labor, he would soon sift out the dead-heads. The moment he began to note accurately their individual product, he would also begin to form a standard to which they must come to be worthy of retention in his herd. If the dairyman would but study his own herd it would form a basis for improvement far beyond anything yet adopted. Almost every herd has some good milkers and profitable cows. These would at once become the standard to which he would strive to bring his whole herd.

A good many trees have perished this year on the north side of Regent's Park, London, owing to a quantity of soil being heaped over their roots. This and similar cases should act as a caution.

Appearances are often deceitful; hence we should not determine hastily on the unfavorable side.

They who possess the most knowledge of human nature are the least violent in blaming its frailties.

It is stated that caterpillars may be driven from a gooseberry bush by placing in the bush some branches of the common elder.

Rowand, M.D., inspecting Montreal.—J. J. Daley, agent. R. Macpherson, agent. John Smith, agent. London. Robert Shives. Halifax, resident agent.

EMIGRATION

London.—F. J. Doré, a Government Buildings, Kingston st. The following: Murdoch, Glasgow; H. J. Channel Islands; John D. Cazes, 12 Avenue Lam Sweden.

Paris. G. Bossange, 16 Berns, 32 Marché au Chev Rommell & Co.. A. Zwilch

Grosse Isle.—F. Montiza W. N. Wickwire, M.D., ins St. John, N.B.—W. Hard M.D., assistant. Miramich Pictou, N.S.—W.E. Cool P.E.I.—W. H. Hobkirk, M.

ROAD DUST.—Before we few barrels of road dust during the coming year. placing the dust and the d as it accumulates; and no placed in the corner of a p it, makes the arrangement only throw down half a d never freezes up; and all still better, and the conten and are a valuable manure

FEEDING ANIMALS.—In and hard times, there is allowed to waste. They covered with straw or co straw is a foot thick, lon this condition they are milch cows, they largely i Always begin feeding i rations. Large quantities good. Nothing is in more round apples. They must or cut on the floor with a with corn meal, they are benefited by a few apples. hen-house are eagerly sou than the mere amount of f

Love is faith, is charit dwell in this one short w

MPANY.

the United States
including Portland
tant places more
both on American

Receiver's Address,

2 miles apart, 15

the United States,
a.

ario, Quebec and
Anglo-American

—viz: 25 cents
word. Messages
1 cent for each
not counted or

le, clerk; Wm.
y, M.D., and A.

ate inquiries, we
and select from
ands. It is well
ount of the com-
uch less is one
There are very
0 or a 1,000 lbs.
e than another,
it must be evi-
a happens that
the other half
paid and which
s. The moment
d also begin to
etention in his
orm a basis for
herd has some
e the standard

le of Regent's
er their roots.

rmine hastily

are the least

erry bush by

Rowand, M.D., inspecting physicians. *Sherbrooke*.—Hy. Hubbard, agent *Montreal*.—J. J. Daley, agent. *Ottawa*.—W. J. Wills, agent. *Kingston*.—R. Macpherson, agent. *Toronto*.—J. A. Donaldson, agent. *Hamilton*.—John Smith, agent. *London, Ont.*—A. G. Smyth, agent. *St. John, N.B.*—Robert Shives. *Halifax, N.S.*—E. Clay. *Fort Garry*.—W. Hespeler, resident agent.

EMIGRATION AGENTS IN UNITED KINGDOM.

London.—F. J. Doré, agent general for the Dominion, Canada Government Buildings, King st., Westminster; *Belfast*, C. Foy, 11 Claremont st. The following are special agents: G. T. Haigh, Liverpool; R. Murdoch, Glasgow; H. J. Larkin, South of Ireland; H. J. Richards, Channel Islands; John Dyke, in connection with London office; P. DeCazes, 12 Avenue Lamoth Piquet, Paris; H. Matison, Gothenberg Sweden.

ON THE CONTINENT.

Paris, G. Bossange, 16 Rue du quatre Septembre; *Antwerp*, Richard Berns, 32 Marché au Chevaux; Havre, C. Brown; Bale (Switzerland,) P. Rommell & Co. A. Zwilchenbart.

QUARANTINE.

Grosse Isle.—F. Montizambert, M.D., medical superintendent. *Halifax*.—W. N. Wickwire, M.D., inspecting physician; James Pitts, M.D., assistant. *St. John, N.B.*—W. Harding, M.D., inspecting physician; Thos. Walker, M.D., assistant. *Miramichi, N.B.*—S. Lewin, M.D., inspecting physician. *Pictou, N.S.*—W. E. Cooke, M.D., inspecting physician. *Charlottetown, P.E.I.*—W. H. Hobkirk, M.D., inspecting physician.

ROAD DUST.—Before wet weather sets in, every farmer should secure a few barrels of road dust from the frequented highways, for various uses during the coming year. It is good for the manufacture of hen manure, by placing the dust and the droppings in their alternating layers in barrels as it accumulates; and nothing is better for vaults. A barrel of the dust placed in the corner of a privy, with a long-handled pint dipper always in it, makes the arrangement better than a water-closet, if each visitor will only throw down half a dipper of the dust. It never gets out of order; never freezes up; and all odor is neutralized. Mixed with coal ashes, it is still better, and the contents of the vault are as easily removed as sand, and are a valuable manure.

FEEDING ANIMALS.—In some parts of the country, through heavy crops and hard times, there is little market for apples. They should not be allowed to waste. They may be placed in heaps on the grass, and covered with straw or cornstalks, and will keep till winter; and if the straw is a foot thick, long keepers will remain uninjured till spring. In this condition they are readily accessible for feeding. Properly fed to milch cows, they largely increase both the quantity and quality of milk. Always begin feeding in small quantities and gradually increase the rations. Large quantities given at the outset will do more harm than good. Nothing is in more danger of choking a cow than smooth-skinned, round apples. They must, therefore, be passed through a slicing machine, or cut on the floor with a clean spade, ground sharp. Fed in connection with corn meal, they are excellent for swine. Horses fed on dry hay are benefited by a few apples. Sheep eat them with avidity. A few in the hen-house are eagerly sought. In all these instances, they do more good than the mere amount of nutriment they contain.

Love is faith, is charity, is gentleness; all truth, all peace, all virtue, dwell in this one short word.

WYLIE & LOCHHEAD,

MACHINE AND BLOCK

Paper Stainers,

AND

MANUFACTURERS

OF

Stamped Gold Paperhangings,

45 BUCHANAN STREET,

GLASGOW.

LONDON:

191 UPPER THAMES ST.

WORKS AT

WHITEINCH.

ROBERT MILLER,

SOLE AGENT FOR THE DOMINION,

MONTREAL,

With whom can be seen a full line of our Samples.

Canton's and Prang's Christmas and New Year's Stationary at ROBERT MILLER'S.

1877.]

D,

S,

S,

AT
INCH.

N,

ROBERT MILLER,

IMPORTER,

Manufacturing Stationer,

GENERAL BOOKBINDER,

AND

ACCOUNT BOOK MANUFACTURER

WHOLESALE DEALER IN

SCHOOL BOOKS, STATIONERY,

PAPERS, INKS, TWINES,

WINDOW SHADES AND PAPERHANGINGS.

MERCHANTS' AND TRADERS' ACCOUNT BOOKS.

Have perfected my arrangements with the Publishers of the various

School and College Text Books

used throughout the Dominion, and Manufacturers of every description of

WRITING, BOOK, PRINTING & WRAPPING PAPERS,

Inks, Twines, Envelopes, Pens and Pencils,

and am in a position to offer these and all other Goods in my line, at prices and upon terms as favourable as any House in the Dominion.

Wall Papers, Window Shades, Borders & Decorations

MADE A SPECIALTY.

Denyville School Slates.

397 NOTRE DAME STREET, 397
MONTREAL.

Acadia Book Store

WOLFVILLE, N. S.

J. A. PAYZAN

DEALER IN

BOOKS, STATIONERY, ROOM PAPER

FANCY GOODS

TOYS, SHEET MUSIC, NOVELS

School Books, Blanks, Pictures and Picture Books

Subscriptions received for all English and American periodicals