

BOOKBINDING.

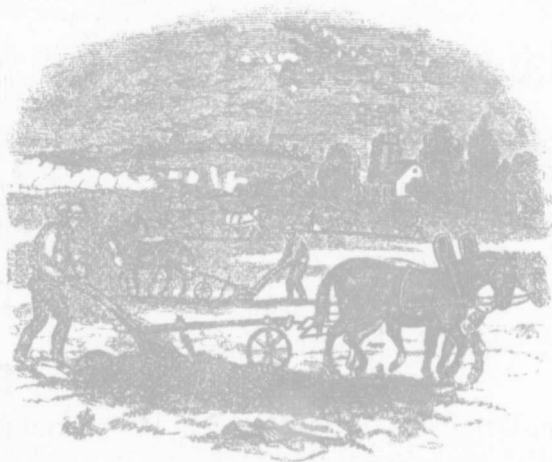
MILLER'S

CANADIAN

FARMER'S ALMANAC

FOR THE YEAR OF OUR LORD

1886



PUBLISHED BY ROBERT MILLER, SON & CO.,  
156 MCGILL STREET, MONTREAL.

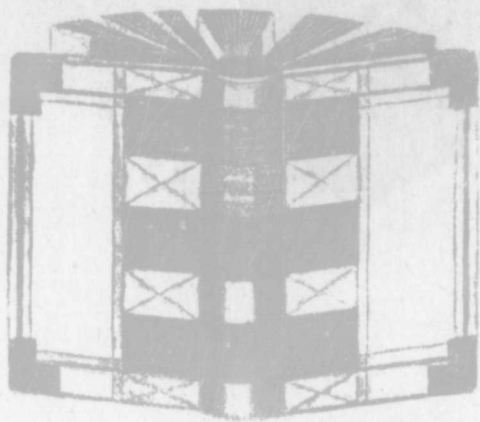
(OPPOSITE ALBION HOTEL.)

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156 MCGILL STREET,

OPPOSITE ALBION HOTEL,

MONTREAL.

CO.,

**MILLER'S**  
CANADIAN  
**FARMER'S ALMANAC**

FOR THE YEAR OF OUR LORD



S.

**1886.**

Being second year after Leap Year, and, until the 20th of June, the forty-ninth year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude  $45^{\circ} 31'$  North, and Longitude  $75^{\circ} 43' 22''$  West from the Royal Observatory, Greenwich. Also for the Meridian of Halifax, N.S., in Latitude  $44^{\circ} 39' 20''$ , and Longitude  $63^{\circ} 36' 30''$ , and for Perth, which is in Latitude  $44^{\circ} 55'$ , Longitude  $76^{\circ} 15'$  West. But the Almanac is arranged to serve without essential variation for most parts of the Dominion.

PUBLISHED BY ROBERT MILLER, SON & CO.,

MANUFACTURING STATIONERS,

156 MCGILL STREET, opposite the Albion Hotel,

MONTREAL.

F.

# CANADIAN FARMER'S ALMANAC.

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156 McGill Street.

MONTREAL, January 1st, 188

The Publishers of this OLD, RELIABLE and STANDARD ALMANAC with a view to meeting the wants of their numerous patrons throughout Canada, have had the matter arranged so as to include the Provinces of Ontario, Quebec, New Brunswick and Nova Scotia. This has necessitated a departure from the old and familiar arrangement of the monthly pages. The Ecclesiastical Calendar and Weather Aspects &c., will now be found at the foot of each month's solar and lunar calculations. The monthly foot notes of sound advice to Farmers have been transferred to pages containing useful information.

ROBERT MILLER, SON & CO.,

*Publishers*

## ECLIPSES FOR THE YEAR 1886.

There will not be any Eclipse of the Moon this year. There will be two Eclipses of the Sun.

I. March the 5th there will be an Annular Eclipse of the Sun, invisible in these parts.

This Eclipse begins on the Earth generally March 5th, 7 h. 1 m. 2, meantime at Greenwich, in Longitude  $166^{\circ} 15'$  East of Greenwich and Latitude  $13^{\circ} 28'$ .

Central Eclipse at Noon, March 5th, 10 h. 9 m. and ends on the Earth generally, Longitude  $106^{\circ} 44'$ , West of Greenwich and Latitude  $20^{\circ} 31'$  N.

II. August 28-29 there will be a total Eclipse of the Sun, not visible here.

This Eclipse begins on the Earth generally, August 28, 22h. 18m. mean time Greenwich, in Longitude  $66^{\circ} 24'$  West of Greenwich and Latitude  $11^{\circ} 55'$  N.

Central Eclipse at Noon August 29, 0h. 58m. 6 in Longitude  $14^{\circ} 27'$  West Greenwich, and Latitude  $2^{\circ} 57'$  N., and ends on the Earth generally, August 30, 3h. 32m. 4', in Longitude  $33^{\circ} 45'$  East of Greenwich and in Latitude  $19^{\circ}$  S.

## BEGINNING AND LENGTH OF THE SEASONS.

|               |                      |               |
|---------------|----------------------|---------------|
| Winter begins | December 21st, 1885, | at 9h. 4 ev.  |
| Spring        | March 20th, 1886,    | " 10h. 12 ev. |
| Summer        | June 21st,           | " 6h. 5 ev.   |
| Autumn        | Sept. 23rd,          | " 9h. 2 mo.   |
| Winter        | Decr. 22nd,          | " 2h. 55 mo.  |

The Sun is in the Winter signs 89 D. 1 h. 8 m.

|   |        |   |                   |
|---|--------|---|-------------------|
| " | Spring | " | 92 D. 20 h. 38 m. |
| " | Summer | " | 93 D. 14 h. 12 m. |
| " | Autumn | " | 89 D. 17 h. 53 m. |

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**BANK HOLIDAYS IN ONTARIO.**

Every Sunday, Christmas Day, New Year's Day, Ash Wednesday, Good Friday, Easter Monday, The Queen's Birthday, and each day appointed by Royal Proclamation as a General Fast or Thanksgiving day.

**ZODIACAL SIGNS.**

Aries, the Ram, Head and Face.

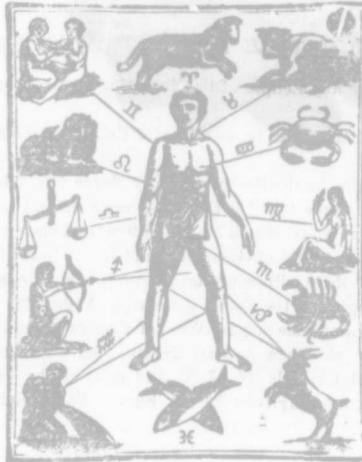
Gemini, Arms.

Leo, Heart.

Libra, Reins.

Sagittarius, Thighs.

Aquarius, Legs.



Taurus,

Cancer,

Virgo,

Scorpio,

Capricorn

Pisces, Feet.

**CHRONOLOGICAL CYCLES.**

|                           |      |                                  |
|---------------------------|------|----------------------------------|
| Dominical Letter.....     | O.   | Mohammedan Era, begins 30th      |
| Golden Number.....        | 5    | Sept.....                        |
| Jewish Lunar Year.....    | 22   | Turkish Ramadan, June 3rd .....  |
| Epact, or Moon's Age..... | 25   | Jewish Year begins on Sep. 30th. |
| Solar Cycle.....          | 19   | Diocletian Era.....              |
| Roman Indiction.....      | 14   | Dominion of Canada the 20th      |
| Julian Period.....        | 6599 | year, begins July 1st .....      |

**MOVABLE FESTIVALS.**

|                    |          |    |                             |      |
|--------------------|----------|----|-----------------------------|------|
| Septuagesima.....  | February | 21 | Low Sunday.....             | May  |
| Quinquagesima..... | March    | 7  | Ascension Day, (Holy Thurs- | June |
| Ash Wednesday..... | "        | 10 | day).....                   |      |
| Quadragesima.....  | "        | 14 | Whit Sunday.....            | "    |
| Palm Sunday.....   | April    | 18 | Trinity Sunday.....         | "    |
| Good Friday.....   | "        | 23 | Corpus Christi.....         | "    |
| Easter Sunday..... | "        | 25 | Advent Sunday.....          | Nov. |

**HOLIDAYS OBSERVED IN PUBLIC OFFICES.**

|                           |         |    |                             |      |
|---------------------------|---------|----|-----------------------------|------|
| Circumcision.....         | January | 1  | Her Majesty's Birthday..... | May  |
| Epiphany.....             | "       | 6  | Corpus Christi.....         | June |
| Ash Wednesday.....        | March   | 10 | St. Peter and St. Paul..... | "    |
| Annunciation of V. M..... | "       | 25 | Dominion Day.....           | July |
| Good Friday.....          | April   | 23 | All Saints' Day.....        | Nov. |
| Easter Monday.....        | "       | 26 | Immaculate Conception.....  | Dec. |
| Ascension Day.....        | June    | 3  | Christmas Day.....          | "    |



1st Month.

JANUARY, 31 Days.

Begins on Fri 26.]

| Moon's Phases.     |    | Halifax. | Quebec.  | Montreal. | Kingston. | Toronto. | London.  |
|--------------------|----|----------|----------|-----------|-----------|----------|----------|
|                    | D. | h. m.    | h. m.    | h. m.     | h. m.     | h. m.    | h. m.    |
| New Moon.....      | 5  | 3 29 mo. | 2 59 mo. | 2 50 mo.  | 2 40 mo.  | 2 25 mo. | 2 18 mo. |
| First Quarter..... | 14 | 8 10 mo. | 7 40 mo. | 7 31 mo.  | 7 21 mo.  | 7 09 mo. | 6 59 mo. |
| Full Moon.....     | 20 | 3 30 mo. | 3 00 mo. | 2 51 mo.  | 2 41 mo.  | 2 29 mo. | 2 19 mo. |
| Last Quarter.....  | 26 | 9 16 ev. | 8 46 ev. | 8 37 ev.  | 8 27 ev.  | 8 15 ev. | 8 05 ev. |

| DAYS. |       | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |               |               |
|-------|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|---------------|---------------|
| M     | Week. | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declin. | Sun's Meridi. |
|       |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.         | h. m.         |
| 1     | Fri.  | 7 42         | 4 26      | 7 36        | 4 33      | 7 37          | 4 30      | 25 9             | 22 59         | 12 3          |
| 2     | Sat.  | 42           | 37        | 36          | 34        | 37            | 31        | 26 9             | 22 54         | 4             |
| 3     | Sun.  | 7 41         | 4 28      | 7 35        | 4 35      | 7 37          | 4 32      | 27 9             | 22 48         | 12 4          |
| 4     | Mon.  | 41           | 29        | 35          | 36        | 37            | 33        | 28 9             | 22 42         | 5             |
| 5     | Tues. | 41           | 30        | 35          | 37        | 37            | 34        | 0 2              | 22 35         | 6             |
| 6     | Wed.  | 40           | 31        | 34          | 38        | 37            | 35        | 1 2              | 22 28         | 6             |
| 7     | Thur. | 40           | 32        | 34          | 39        | 37            | 36        | 2 2              | 22 20         | 6             |
| 8     | Fri.  | 40           | 33        | 34          | 40        | 37            | 37        | 3 2              | 22 12         | 7             |
| 9     | Sat.  | 40           | 34        | 34          | 42        | 36            | 38        | 4 2              | 22 4          | 7             |
| 10    | Sun.  | 7 39         | 4 35      | 7 33        | 4 43      | 7 36          | 4 40      | 5 2              | 21 55         | 12 7          |
| 11    | Mon.  | 39           | 36        | 33          | 44        | 36            | 41        | 6 2              | 21 46         | 8             |
| 12    | Tues. | 39           | 37        | 33          | 45        | 35            | 42        | 7 2              | 21 36         | 8             |
| 13    | Wed.  | 38           | 38        | 32          | 46        | 34            | 43        | 8 2              | 21 26         | 9             |
| 14    | Thur. | 38           | 40        | 32          | 47        | 34            | 44        | 9 2              | 21 15         | 9             |
| 15    | Fri.  | 38           | 42        | 31          | 49        | 33            | 46        | 10 2             | 21 4          | 9             |
| 16    | Sat.  | 37           | 44        | 30          | 50        | 33            | 47        | 11 2             | 20 53         | 10            |
| 17    | Sun.  | 7 36         | 4 45      | 7 29        | 4 52      | 7 32          | 4 48      | 12 2             | 20 41         | 12 10         |
| 18    | Mon.  | 35           | 47        | 28          | 53        | 31            | 49        | 13 2             | 20 29         | 10            |
| 19    | Tues. | 34           | 49        | 27          | 54        | 31            | 51        | 14 2             | 20 17         | 11            |
| 20    | Wed.  | 34           | 50        | 27          | 55        | 30            | 52        | 15 2             | 20 4          | 11            |
| 21    | Thur. | 34           | 52        | 26          | 57        | 29            | 53        | 16 2             | 19 50         | 11            |
| 22    | Fri.  | 33           | 54        | 25          | 58        | 28            | 55        | 17 2             | 19 37         | 11            |
| 23    | Sat.  | 32           | 55        | 25          | 59        | 27            | 56        | 18 2             | 19 23         | 12            |
| 24    | Sun.  | 7 31         | 4 56      | 7 24        | 5 00      | 7 26          | 4 57      | 19 2             | 19 8          | 12 12         |
| 25    | Mon.  | 31           | 58        | 23          | 1         | 26            | 59        | 20 2             | 18 54         | 12            |
| 26    | Tues. | 30           | 59        | 22          | 2         | 25            | 5 00      | 21 2             | 18 59         | 12            |
| 27    | Wed.  | 29           | 5 1       | 21          | 3         | 24            | 1         | 22 2             | 18 23         | 13            |
| 28    | Thur. | 28           | 2         | 20          | 5         | 23            | 3         | 23 2             | 18 7          | 13 1          |
| 29    | Fri.  | 27           | 3         | 19          | 7         | 22            | 4         | 24 2             | 17 51         | 13 2          |
| 30    | Sat.  | 26           | 4         | 18          | 9         | 21            | 6         | 25 2             | 17 35         | 13 3          |
| 31    | Sun.  | 7 25         | 5 5       | 7 18        | 5 10      | 7 20          | 5 7       | 26 2             | 17 18         | 12 13 4       |

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D  
 1 Circumcision.  
 2 First week pretty cold weather.  
 S 3rd Sunday after Christmas.  
 4 You may expect snow-showers.  
 5 not specially stormy, but cold.  
 6 Epiphany, Twelfth Day.  
 7 Moon in Apogee. 9 mo.  
 8 Changeable, but raw and cold,  
 9 with keen wind if from N. W.  
 S 1st Sunday after Epiphany.  
 11 The days of this week will for  
 12 the most part be quite wintry.  
 13 Cold—wind—snow, with  
 14 but little change in general.  
 15 temperature. Sleighing good.  
 16 but N. & S. roads drifted.

- D  
 S 2nd Sunday after Epiphany.  
 18 We do not look for pleasant,  
 19 frosty sunshine during these  
 20 days about "full moon." The  
 21 change occurs during those  
 22 hours which portend cold,  
 23 snow-falls and some wind.  
 S 3rd Sunday after Epiphany.  
 25 Conversion of St. Paul.  
 26 Moon in Perigee. 1 mo.  
 27 St. John Chrysostome, A. D. 407.  
 28 About now the weather is  
 29 more settled, with snow if  
 30 wind is S. or S.W.  
 S 4th Sunday after Epiphany.



58 On Fri 86.]

MEMORANDUM FOR JANUARY.

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| Moon's Phases.     |      | Halifax.        | Quebec.         | Montreal.       | Kingston.       | Toronto.        | London.        |
|--------------------|------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| New Moon.....      | D. 3 | h. m. 11 01 ev. | h. m. 10 31 ev. | h. m. 10 22 ev. | h. m. 10 12 ev. | h. m. 10 00 ev. | h. m. 9 50 ev. |
| First Quarter..... | 11   | 10 32 ev.       | 10 02 ev.       | 9 53 ev.        | 9 43 ev.        | 9 31 ev.        | 9 21 ev.       |
| Full Moon.....     | 18   | 2 01 ev.        | 1 31 ev.        | 1 22 ev.        | 1 12 ev.        | 1 00 ev.        | 0 50 ev.       |
| Last Quarter.....  | 25   | 0 47 ev.        | 0 17 ev.        | 0 08 ev.        | 11 58 mo.       | 11 46 mo.       | 11 36 mo.      |

| DAYS. |       | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |               |
|-------|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|---------------|
| M     | Week. | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun's Meridi. |
|       |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m.         |
| 1     | Mon.  | 7 21         | 5 6       | 7 17        | 5 11      | 7 18          | 5 9       | 27 2             | 17 1           | 12 13         |
| 2     | Tues. | 20           | 7         | 14          | 12        | 17            | 10        | 28 2             | 16 44          | 13            |
| 3     | Wed.  | 19           | 8         | 15          | 13        | 16            | 11        | 29 2             | 16 26          | 14            |
| 4     | Thur. | 18           | 9         | 13          | 15        | 15            | 12        | 0 4              | 16 8           | 14            |
| 5     | Fri.  | 17           | 10        | 12          | 16        | 14            | 13        | 1 4              | 15 50          | 14            |
| 6     | Sat.  | 15           | 11        | 11          | 17        | 12            | 14        | 2 4              | 15 32          | 14            |
| 7     | C.    | 7 14         | 5 13      | 7 9         | 5 19      | 7 11          | 5 16      | 3 4              | 15 13          | 12 14         |
| 8     | Mon.  | 13           | 14        | 8           | 20        | 10            | 17        | 4 4              | 14 54          | 14            |
| 9     | Tues. | 11           | 16        | 7           | 21        | 8             | 19        | 5 4              | 14 35          | 14            |
| 10    | Wed.  | 10           | 17        | 5           | 23        | 7             | 20        | 6 4              | 14 16          | 14            |
| 11    | Thur. | 8            | 19        | 4           | 24        | 5             | 22        | 7 4              | 13 56          | 14            |
| 12    | Fri.  | 6            | 21        | 3           | 25        | 3             | 24        | 8 4              | 13 36          | 14            |
| 13    | Sat.  | 4            | 23        | 1           | 27        | 2             | 26        | 9 4              | 13 16          | 14            |
| 14    | C.    | 7 3          | 5 24      | 7 00        | 5 28      | 7 00          | 5 28      | 10 4             | 12 55          | 12 14         |
| 15    | Mon.  | 2            | 26        | 6 58        | 30        | 6 59          | 29        | 11 4             | 12 35          | 14            |
| 16    | Tues. | 7 00         | 28        | 57          | 31        | 57            | 30        | 12 4             | 12 14          | 14            |
| 17    | Wed.  | 6 59         | 29        | 56          | 32        | 56            | 32        | 13 4             | 11 53          | 14            |
| 18    | Thur. | 57           | 31        | 54          | 34        | 54            | 34        | 14 4             | 11 32          | 14            |
| 19    | Fri.  | 56           | 32        | 53          | 35        | 52            | 35        | 15 4             | 11 11          | 14            |
| 20    | Sat.  | 55           | 33        | 51          | 37        | 51            | 36        | 16 4             | 10 49          | 13            |
| 21    | C.    | 6 53         | 5 35      | 6 50        | 5 38      | 6 49          | 5 38      | 17 4             | 10 28          | 12 13         |
| 22    | Mon.  | 51           | 37        | 48          | 40        | 47            | 39        | 18 4             | 10 6           | 13            |
| 23    | Tues. | 49           | 39        | 46          | 41        | 45            | 41        | 19 4             | 9 44           | 13            |
| 24    | Wed.  | 47           | 40        | 44          | 42        | 44            | 43        | 20 4             | 9 22           | 13            |
| 25    | Thur. | 46           | 42        | 43          | 43        | 42            | 44        | 21 4             | 8 59           | 13            |
| 26    | Fri.  | 44           | 43        | 41          | 45        | 41            | 45        | 22 4             | 8 37           | 13            |
| 27    | Sat.  | 42           | 44        | 40          | 46        | 40            | 46        | 23 4             | 8 15           | 13            |
| 28    | C.    | 6 40         | 5 46      | 6 38        | 5 47      | 6 39          | 5 47      | 24 4             | 7 52           | 12 13         |

CALENDAR, WEATHER ASPECTS, &c.

|    |                                       |    |                                   |
|----|---------------------------------------|----|-----------------------------------|
| D  | 1 Look for a sharp frost, below zero. | D  | 15 14th. St. Valentine's Day.     |
| 2  | Purification of Virgin Mary.          | 16 | Lovers' walks rather cool to-day. |
| 3  | 2nd, Moon in Apogee, 11 mo.           | 17 | Moon in Perigee, 2 mo.            |
| 4  | Unless the wind about now             | 18 | Full moon, brings change.         |
| 5  | should be steady, south or west,      | 19 | Much milder; fair and calm.       |
| 6  | we shall have hard frost now.         | 20 | A very pleasant winter's day.     |
| 8  | 5th Sunday after Epiphany.            | 8  | Septuagesima Sunday.              |
| 8  | The cold continues; indeed            | 22 | We perceive no change from        |
| 9  | we do not foresee indications         | 23 | comparative mildness.             |
| 10 | of change. Keen frost holds           | 24 | St. Mathias.                      |
| 11 | its steady course for days.           | 25 | We forecast for these last        |
| 12 | Now we shall have snow;               | 26 | days of the month quite           |
| 13 | in the S.-west of Ontario, rain.      | 27 | a wind-storm. Blow! Blow!         |
| S  | 6th Sunday after Epiphany.            | S  | Sexagesima Sunday.                |

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| Moon's Phases.      |    | Halifax.  | Quebec.   | Montreal. | Kingston. | Toronto.  | London.   |
|---------------------|----|-----------|-----------|-----------|-----------|-----------|-----------|
|                     | D. | h. m.     | h. m.     | h. m.     | h. m.     | h. m.     | h. m.     |
| New Moon .....      | 5  | 5 50 ev.  | 5 20 ev.  | 5 11 ev.  | 5 01 ev.  | 4 49 ev.  | 4 39 ev.  |
| First Quarter ..... | 14 | 9 03 mo.  | 8 33 mo.  | 8 24 mo.  | 8 14 mo.  | 8 02 mo.  | 7 52 mo.  |
| Full Moon .....     | 19 | 12 22 ev. | 11 52 ev. | 11 43 ev. | 11 33 ev. | 11 21 ev. | 11 11 ev. |
| Last Quarter .....  | 27 | 6 30 mo   | 6 00 mo.  | 5 51 mo.  | 5 41 mo.  | 5 29 mo.  | 5 19 mo.  |

| DAYS. |       | Montreal, Q. |          | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |               |                 |
|-------|-------|--------------|----------|-------------|-----------|---------------|-----------|------------------|---------------|-----------------|
| M     | Week. | Sun Rises.   | Sun Sets | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declin. | Sun on Meridian |
|       |       | h. m.        | h. m.    | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.         | h. m. s.        |
| 1     | Mon.  | 6 37         | 5 47     | 6 37        | 5 48      | 6 36          | 5 48      | 25 4             | 7 29          | 12 12 32        |
| 2     | Tues. | 85           | 48       | 36          | 49        | 35            | 49        | 26 4             | 7 6           | 12 20           |
| 3     | Wed.  | 34           | 49       | 34          | 50        | 34            | 50        | 27 4             | 6 43          | 12 18           |
| 4     | Thur. | 32           | 51       | 32          | 52        | 32            | 52        | 28 4             | 6 20          | 11 53           |
| 5     | Fri.  | 39           | 53       | 31          | 53        | 30            | 53        | 29 4             | 5 57          | 11 42           |
| 6     | Sat.  | 28           | 54       | 29          | 54        | 28            | 54        | 0 6              | 5 34          | 11 28           |
| 7     | C.    | 6 26         | 5 55     | 6 27        | 5 55      | 6 27          | 5 55      | 1 6              | 5 11          | 12 11 10        |
| 8     | Mon.  | 24           | 56       | 25          | 57        | 25            | 56        | 2 6              | 4 47          | 10 50           |
| 9     | Tues. | 22           | 57       | 24          | 58        | 23            | 57        | 3 6              | 4 24          | 10 44           |
| 10    | Wed.  | 29           | 6 00     | 22          | 59        | 21            | 59        | 4 6              | 4 0           | 10 38           |
| 11    | Thur. | 19           | 1        | 20          | 6 00      | 19            | 6 00      | 5 6              | 3 37          | 10 15           |
| 12    | Fri.  | 17           | 2        | 19          | 1         | 17            | 2         | 6 6              | 3 13          | 9 59            |
| 13    | Sat.  | 15           | 4        | 17          | 2         | 15            | 3         | 7 6              | 2 50          | 9 49            |
| 14    | C.    | 6 12         | 6 6      | 6 15        | 6 4       | 6 13          | 6 5       | 8 6              | 2 26          | 12 9 25         |
| 15    | Mon.  | 11           | 7        | 13          | 5         | 11            | 7         | 9 6              | 2 2           | 9 6             |
| 16    | Tues. | 9            | 9        | 11          | 7         | 9             | 9         | 10 6             | 1 39          | 8 49            |
| 17    | Wed.  | 7            | 10       | 9           | 8         | 8             | 10        | 11 6             | 1 15          | 8 30            |
| 18    | Thur. | 5            | 11       | 7           | 9         | 6             | 11        | 12 6             | 0 51          | 8 15            |
| 19    | Fri.  | 4            | 12       | 6           | 10        | 5             | 12        | 13 6             | 0 27          | 7 52            |
| 20    | Sat.  | 2            | 13       | 4           | 11        | 3             | 13        | 14 6             | S. 0 4        | 7 38            |
| 21    | C.    | 6 00         | 6 14     | 6 2         | 6 12      | 6 1           | 6 14      | 15 6             | N. 0 19       | 12 7 10         |
| 22    | Mon.  | 5 58         | 16       | 6 00        | 14        | 5 59          | 15        | 16 6             | 0 43          | 7 10            |
| 23    | Tues. | 56           | 17       | 5 58        | 15        | 57            | 16        | 17 6             | 1 6           | 6 40            |
| 24    | Wed.  | 54           | 18       | 56          | 16        | 55            | 17        | 18 6             | 1 30          | 6 26            |
| 25    | Thur. | 53           | 19       | 55          | 17        | 54            | 18        | 19 6             | 1 83          | 6 6             |
| 26    | Fri.  | 51           | 20       | 54          | 18        | 52            | 19        | 20 6             | 2 17          | 5 45            |
| 27    | Sat.  | 49           | 22       | 52          | 19        | 50            | 21        | 21 6             | 2 40          | 5 25            |
| 28    | C.    | 5 46         | 6 24     | 5 50        | 6 20      | 5 48          | 6 23      | 22 6             | 3 4           | 12 5 10         |
| 29    | Mon.  | 44           | 25       | 48          | 22        | 46            | 24        | 23 6             | 3 27          | 4 55            |
| 30    | Tues. | 42           | 26       | 46          | 23        | 44            | 25        | 24 6             | 3 51          | 4 35            |
| 31    | Wed.  | 5 41         | 6 27     | 5 44        | 6 25      | 5 42          | 6 26      | 25 6             | 4 14          | 12 4 10         |

## CALENDAR, WEATHER ASPECTS, &amp;c.

D

- 1 St. David's Day.
- 2 Moon in Apogee. 4 ev.
- 3 Tolerably fair weather and
- 4 not severely cold—in fact, the
- 5 indications are for moderate
- 6 winds and, on the whole, fair.
- 7 *Quinquagesima Sunday.*
- 8 Changeable in S.W. Ontario.
- 9 It has been raining since N. Moon.
- 10 ASH WEDNESDAY.
- 11 We are a little in doubt, but
- 12 an east wind just now will
- 13 bring with it a snow storm.
- 14 *Quadragesima, 1st Sunday in Lent.*
- 15 A pleasant day and for
- 16 St. Patrick a quiet visit here.

D

- 17 St. Patrick's Day.
- 18 Moon in Perigee. 11 mo.
- 19 Full moon, fair, and also
- 20 frosty—wind not boisterous.
- 21 *2nd Sunday in Lent.*
- 22 You may look for a cold
- 23 rain, if wind W., but if the
- 24 wind tacks E. look for snow.
- 25 *Annunciation, Lady Day.*
- 26 I am afraid "Our Lady" will
- 27 have a day or two rather stormy.
- 28 *3rd Sunday in Lent.*
- 29 Moon in Apogee. 9 mo.
- 30 The month on the whole has
- 31 been reasonable—ends briskly.

Monday 1886.]

MEMORANDUM FOR MARCH.

London.

h. m.  
4 20 ev.  
7 52 mo.  
11 11 ev.  
5 19 mo.

Ion.

Sun on  
Meridian

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| Moon's Phases.     |                  | Halifax.          | Quebec.   | Montreal. | Kingston. | Toronto. | London.   |
|--------------------|------------------|-------------------|-----------|-----------|-----------|----------|-----------|
|                    | D.               | h. m.             | h. m.     | h. m.     | h. m.     | h. m.    | h. m.     |
| New Moon.....      | 5                | 10 16 mo.         | 9 46 mo   | 9 37 mo.  | 9 27 mo.  | 9 15 mo. | 9 05 mo.  |
| First Quarter..... | 11               | 4 30 ev.          | 4 00 ev.  | 3 51 ev.  | 3 41 ev.  | 3 29 ev. | 3 19 ev.  |
| Full Moon.....     | 19               | 10 45 mo.         | 10 15 mo. | 10 06 mo. | 9 56 mo.  | 9 44 mo. | 9 34 mo.  |
| Last Quarter.....  | { 25 }<br>{ 26 } | .....<br>1 01 mo. | 0 31 ev.  | 0 22 ev.  | 0 12 ev.  | 0 00 ev. | 11 50 ev. |

| M  | DAYS. | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion     |                |                  |
|----|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
|    |       | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|    |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. s.         |
| 1  | Thur. | 5 39         | 6 29      | 5 42        | 6 27      | 5 40          | 6 28      | 26 6             | 4 37           | 12 3 57          |
| 2  | Fri.  | 37           | 30        | 40          | 28        | 38            | 29        | 27 6             | 5 0            | 3 39             |
| 3  | Sat.  | 35           | 31        | 38          | 29        | 36            | 30        | 28 6             | 5 23           | 3 21             |
| 4  | C.    | 5 33         | 6 32      | 5 36        | 6 30      | 5 34          | 6 31      | 29 6             | 5 46           | 12 3 3           |
| 5  | Mon.  | 32           | 33        | 34          | 31        | 33            | 32        | 0 9              | 6 9            | 2 46             |
| 6  | Tues. | 30           | 34        | 32          | 32        | 31            | 33        | 1 9              | 6 51           | 2 28             |
| 7  | Wed.  | 28           | 35        | 31          | 33        | 29            | 34        | 2 9              | 6 54           | 2 11             |
| 8  | Thur. | 27           | 36        | 29          | 35        | 28            | 35        | 3 9              | 7 16           | 1 54             |
| 9  | Fri.  | 25           | 37        | 27          | 36        | 26            | 36        | 4 9              | 7 39           | 1 37             |
| 10 | Sat.  | 23           | 38        | 25          | 37        | 24            | 37        | 5 9              | 8 1            | 1 21             |
| 11 | C.    | 5 21         | 6 40      | 5 24        | 6 38      | 5 22          | 6 39      | 6 9              | 8 23           | 12 1 5           |
| 12 | Mon.  | 19           | 42        | 22          | 39        | 20            | 41        | 7 9              | 8 45           | 0 49             |
| 13 | Tues. | 18           | 43        | 20          | 40        | 19            | 42        | 8 9              | 9 7            | 0 33             |
| 14 | Wed.  | 16           | 44        | 19          | 41        | 17            | 43        | 9 9              | 9 28           | 0 18             |
| 15 | Thur. | 15           | 45        | 17          | 43        | 16            | 44        | 10 9             | 9 50           | 0 3              |
| 16 | Fri.  | 14           | 46        | 16          | 44        | 15            | 45        | 11 9             | 10 11          | 11 59 48         |
| 17 | Sat.  | 12           | 47        | 14          | 45        | 14            | 46        | 12 9             | 10 32          | 59 33            |
| 18 | C.    | 5 10         | 6 49      | 5 12        | 6 46      | 5 12          | 6 47      | 13 9             | 10 53          | 11 59 19         |
| 19 | Mon.  | 8            | 50        | 11          | 47        | 10            | 48        | 14 9             | 11 14          | 59 6             |
| 20 | Tues. | 6            | 52        | 9           | 49        | 8             | 50        | 15 9             | 11 35          | 58 53            |
| 21 | Wed.  | 5            | 53        | 8           | 50        | 7             | 51        | 16 9             | 11 55          | 58 48            |
| 22 | Thur. | 3            | 54        | 6           | 51        | 5             | 52        | 17 9             | 12 15          | 58 28            |
| 23 | Fri.  | 1            | 55        | 4           | 52        | 3             | 53        | 18 9             | 12 35          | 56 16            |
| 24 | Sat.  | 5 00         | 56        | 3           | 53        | 1             | 54        | 19 9             | 12 55          | 58 4             |
| 25 | C.    | 4 58         | 6 58      | 5 1         | 6 55      | 4 59          | 6 56      | 20 9             | 13 15          | 11 57 53         |
| 26 | Mon.  | 57           | 59        | 5 00        | 56        | 58            | 58        | 21 9             | 13 34          | 57 43            |
| 27 | Tues. | 56           | 7 00      | 4 58        | 57        | 57            | 59        | 22 9             | 13 53          | 57 33            |
| 28 | Wed.  | 54           | 1         | 56          | 58        | 55            | 7 00      | 23 9             | 14 12          | 57 24            |
| 29 | Thur. | 52           | 3         | 55          | 59        | 53            | 1         | 24 9             | 14 31          | 57 15            |
| 30 | Fri.  | 4 50         | 7 5       | 4 53        | 7 1       | 4 51          | 7 3       | 25 9             | 14 49          | 11 57 6          |

CALENDAR, WEATHER ASPECTS, &c.

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| <p>D<br/>1 ALL FOOLS DAY, so called.<br/>2 A pleasant, fine day, with<br/>3 no prospect of storm.<br/>S 4th Sunday in Lent.<br/>5 4th. St Ambrose.<br/>6 But now about, look for cold<br/>7 raw, chilling high winds,<br/>8 with showers of rain, and the<br/>9 thermometer may run down so<br/>10 that a snow-fall shall follow.<br/>S 5th Sunday in Lent.<br/>12 We shall have fair weather.<br/>13 and, for the season, quite<br/>14 pleasant on 11 Friday.<br/>15 Moon in Perigee. 6 mo.</p> | <p>D Not pleasant outlook,<br/>16 and very changeable time,<br/>17 with cold damp winds.<br/>S PALM SUNDAY.<br/>19 The time of full moon shows<br/>20 a probability of showery days<br/>21 or nights, and occasional<br/>22 wind storms.<br/>23 GOOD FRIDAY. ST. GEORGE'S DAY.<br/>24 25th. St. Mark the Evangelist.<br/>S EASTER SUNDAY.<br/>26 Easter Monday.<br/>27 Moon in Apogee. 4 mo.<br/>28 In our foreshowings, there is<br/>29 for these ending days of this<br/>30 month,—a rainy season,</p> |
|--|--|

London.

h. m.  
9 05 mo.  
3 19 ev.  
9 34 mo.  
11 59 ev.

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Sun on Meridian.

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| Moon's Phases.    |      | Halifax.        | Quebec.         | Montreal.       | Kingston.       | Toronto.        | London.         |
|-------------------|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| New Moon.....     | D. 3 | h. m. 11 28 ev. | h. m. 10 58 ev. | h. m. 10 49 ev. | h. m. 10 39 ev. | h. m. 10 27 ev. | h. m. 10 17 ev. |
| First Quarter.... | 10   | 10 6 ev.        | 9 36 ev.        | 9 27 ev.        | 9 17 ev.        | 9 05 ev.        | 8 55 ev.        |
| Full Moon.....    | 17   | 9 33 ev.        | 9 03 ev.        | 8 54 ev.        | 8 44 ev.        | 8 32 ev.        | 8 22 ev.        |
| Last Quarter..... | 25   | 7 22 ev.        | 6 52 ev.        | 6 43 ev.        | 6 33 ev.        | 6 21 ev.        | 6 11 ev.        |

| M  | DAYS. | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|----|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
|    |       | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|    | Week. | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days             | D. m.          | h. m. s.         |
| 1  | Sat.  | 4 48         | 7 6       | 4 52        | 7 2       | 4 50          | 7 4       | 26 9             | 15 8           | 11 56 59         |
| 2  | S.    | 4 47         | 7 8       | 4 51        | 7 4       | 4 49          | 7 6       | 27 9             | 15 26          | 11 56 51         |
| 3  | Mon.  | 4 46         | 7 9       | 4 50        | 7 5       | 4 48          | 7 7       | 28 9             | 15 43          | 11 56 45         |
| 4  | Tues. | 4 45         | 7 10      | 4 49        | 7 6       | 4 47          | 7 8       | 29 9             | 16 1           | 11 56 39         |
| 5  | Wed.  | 4 43         | 7 11      | 4 47        | 7 7       | 4 45          | 7 9       | 30 9             | 16 18          | 11 56 33         |
| 6  | Thu.  | 4 41         | 7 12      | 4 45        | 7 8       | 4 43          | 7 10      | 31 9             | 16 35          | 11 56 25         |
| 7  | Fri.  | 4 39         | 7 14      | 4 44        | 7 9       | 4 42          | 7 11      | 3 3              | 16 52          | 11 56 24         |
| 8  | Sat.  | 4 38         | 7 15      | 4 43        | 7 10      | 4 41          | 7 12      | 4 3              | 17 8           | 11 56 28         |
| 9  | S.    | 4 37         | 7 16      | 4 42        | 7 11      | 4 40          | 7 13      | 5 3              | 17 24          | 11 56 1          |
| 10 | Mon.  | 4 36         | 7 18      | 4 41        | 7 13      | 4 39          | 7 15      | 6 3              | 17 40          | 11 56 14         |
| 11 | Tues. | 4 34         | 7 19      | 4 39        | 7 14      | 4 37          | 7 16      | 7 3              | 17 55          | 11 56 12         |
| 12 | Wed.  | 4 33         | 7 20      | 4 38        | 7 15      | 4 35          | 7 18      | 8 3              | 18 11          | 11 56 10         |
| 13 | Thu.  | 4 32         | 7 21      | 4 37        | 7 16      | 4 34          | 7 19      | 9 3              | 18 25          | 11 56 9          |
| 14 | Fri.  | 4 30         | 7 23      | 4 36        | 7 17      | 4 33          | 7 20      | 10 3             | 18 40          | 11 56 8          |
| 15 | Sat.  | 4 28         | 7 24      | 4 34        | 7 18      | 4 31          | 7 21      | 11 3             | 18 54          | 11 56 9          |
| 16 | S.    | 4 27         | 7 25      | 4 33        | 7 19      | 4 30          | 7 22      | 12 3             | 19 8           | 11 56 9          |
| 17 | Mon.  | 4 26         | 7 26      | 4 32        | 7 20      | 4 29          | 7 23      | 13 3             | 19 22          | 11 56 10         |
| 18 | Tues. | 4 25         | 7 27      | 4 31        | 7 21      | 4 28          | 7 24      | 14 3             | 19 35          | 11 56 12         |
| 19 | Wed.  | 4 24         | 7 28      | 4 30        | 7 22      | 4 27          | 7 25      | 15 3             | 19 48          | 11 56 14         |
| 20 | Thu.  | 4 23         | 7 29      | 4 29        | 7 23      | 4 26          | 7 26      | 16 3             | 20 1           | 11 56 17         |
| 21 | Fri.  | 4 22         | 7 30      | 4 28        | 7 24      | 4 25          | 7 27      | 17 3             | 20 13          | 11 56 21         |
| 22 | Sat.  | 4 21         | 7 31      | 4 27        | 7 25      | 4 24          | 7 28      | 18 3             | 20 25          | 11 56 24         |
| 23 | S.    | 4 21         | 7 33      | 4 27        | 7 27      | 4 24          | 7 30      | 19 3             | 20 37          | 11 56 29         |
| 24 | Mon.  | 4 20         | 7 34      | 4 26        | 7 28      | 4 23          | 7 31      | 20 3             | 20 48          | 11 56 34         |
| 25 | Tues. | 4 20         | 7 34      | 4 26        | 7 28      | 4 23          | 7 31      | 21 3             | 20 59          | 11 56 39         |
| 26 | Wed.  | 4 19         | 7 35      | 4 25        | 7 29      | 4 22          | 7 32      | 22 3             | 21 9           | 11 56 45         |
| 27 | Thu.  | 4 18         | 7 36      | 4 24        | 7 30      | 4 21          | 7 33      | 23 3             | 21 19          | 11 56 52         |
| 28 | Fri.  | 4 16         | 7 37      | 4 23        | 7 30      | 4 20          | 7 33      | 24 3             | 21 29          | 11 56 59         |
| 29 | Sat.  | 4 16         | 7 38      | 4 23        | 7 31      | 4 20          | 7 34      | 25 3             | 21 39          | 11 57 6          |
| 30 | S.    | 4 15         | 7 39      | 4 22        | 7 32      | 4 19          | 7 35      | 26 3             | 21 48          | 11 57 14         |
| 31 | Mon.  | 4 14         | 7 40      | 4 21        | 7 33      | 4 18          | 7 36      | 27 3             | 21 56          | 11 57 22         |

## CALENDAR, WEATHER ASPECTS, &amp;c.

D  
 1 *St. Philip and St. James.*  
 S *Low Sunday.*  
 3 Judging from the position of  
 4 the planets, and the time of  
 5 the moon's changes, this week  
 6 will be mild, pleasant,  
 7 spring-like, and a great deal  
 8 of good farm work may be done.  
 S *2nd Sunday after Easter.*  
 10 *Moon in Perigee, 12 ev.*  
 11 Continues pleasant, but  
 12 clouds are rising, wind  
 13 changing; and therefore it is  
 14 that we look for a good and  
 15 useful rain-storm to-day.  
 S *3rd Sunday after Easter.*

D  
 17 Full moon between 8 and 10 ev.,  
 18 therefore forecasts rain.  
 19 *St. Dunstan.*  
 20 Quite warm, and, in Quebec,  
 21 work, slow at the start, is now  
 22 progressing rapidly.  
 S *4th Sunday after Easter.*  
 24 *HER MAJESTY'S BIRTHDAY.*  
 25 *24th. Moon in Apogee, 12 ev.*  
 26 *St. Augustine.*  
 27 Fair if wind North-west,  
 28 but if S. or S.-west there will  
 29 be rain, but not heavy.  
 S *Rogation Sunday.*  
 31 A splendid, fine day.



aturday.

1986.]

MEMORANDUM FOR MAY.

15

London.

h. m.  
0 17 ev.  
8 55 ev.  
8 22 ev.  
8 11 ev.

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Sun on  
Meridian.

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6th Month.

JUNE, 30 Days.

Begins on Tuesday.

| Moon's Phases.     |      | Halifax.       | Quebec.        | Montreal.      | Kingston.      | Toronto.       | London.        |
|--------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|
| New Moon.....      | D. 3 | h. m. 9 41 mo. | h. m. 9 11 mo. | h. m. 9 02 mo. | h. m. 8 52 mo. | h. m. 8 40 mo. | h. m. 8 30 mo. |
| First Quarter..... | 9    | 3 12 mo.       | 2 42 mo.       | 2 33 mo.       | 2 23 mo.       | 2 11 mo.       | 2 01 mo.       |
| Full Moon.....     | 17   | 9 24 mo.       | 8 54 mo.       | 8 45 mo.       | 8 35 mo.       | 8 23 mo.       | 8 13 mo.       |
| Last Quarter.....  | 24   | 0 21 ev.       | 11 51 ev.      | 11 42 ev.      | 11 32 ev.      | 11 20 ev.      | 11 10 ev.      |

| M  | Week. | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|----|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
|    |       | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|    |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. s.         |
| 1  | Tues. | 4 14         | 7 40      | 4 21        | 7 34      | 4 18          | 7 36      | 28 3             | 22 5           | 11 57 30         |
| 2  | Wed.  | 14 41        | 21 21     | 13 35       | 4 18      | 37            | 29 3      | 22 12            | 22 12          | 57 41            |
| 3  | Thur. | 14 42        | 21 35     | 18 38       | 0 9       | 22 20         | 57 50     |                  |                |                  |
| 4  | Fri.  | 13 43        | 20 36     | 17 39       | 1 9       | 22 27         | 58 00     |                  |                |                  |
| 5  | Sat.  | 13 43        | 20 36     | 17 39       | 2 9       | 22 34         | 58 11     |                  |                |                  |
| 6  | C.    | 4 12         | 7 44      | 4 19        | 7 37      | 4 16          | 7 40      | 3 9              | 22 40          | 11 58 21         |
| 7  | Mon.  | 12 45        | 19 38     | 16 41       | 4 9       | 22 46         | 58 32     |                  |                |                  |
| 8  | Tues. | 11 46        | 19 39     | 16 42       | 5 9       | 22 52         | 58 44     |                  |                |                  |
| 9  | Wed.  | 11 46        | 19 39     | 15 42       | 6 9       | 22 57         | 58 55     |                  |                |                  |
| 10 | Thur. | 11 47        | 18 40     | 15 43       | 7 9       | 23 2          | 59 7      |                  |                |                  |
| 11 | Fri.  | 11 47        | 18 40     | 15 43       | 8 9       | 23 6          | 59 19     |                  |                |                  |
| 12 | Sat.  | 11 48        | 18 41     | 15 44       | 9 9       | 23 10         | 59 31     |                  |                |                  |
| 13 | C.    | 4 11         | 7 49      | 4 18        | 7 42      | 4 15          | 7 45      | 10 9             | 23 13          | 11 59 43         |
| 14 | Mon.  | 11 49        | 18 44     | 15 45       | 11 9      | 23 16         | 59 56     |                  |                |                  |
| 15 | Tues. | 11 49        | 18 43     | 15 45       | 12 9      | 23 19         | 12 00 08  |                  |                |                  |
| 16 | Wed.  | 11 50        | 18 43     | 15 46       | 13 9      | 23 21         | 00 21     |                  |                |                  |
| 17 | Thur. | 11 51        | 18 44     | 15 47       | 14 9      | 23 23         | 00 34     |                  |                |                  |
| 18 | Fri.  | 11 51        | 18 44     | 15 47       | 15 9      | 23 25         | 00 47     |                  |                |                  |
| 19 | Sat.  | 11 51        | 18 44     | 15 47       | 16 9      | 23 26         | 00 59     |                  |                |                  |
| 20 | C.    | 4 11         | 7 51      | 4 18        | 7 44      | 4 15          | 7 47      | 17 9             | 23 26          | 12 1 12          |
| 21 | Mon.  | 11 51        | 18 44     | 15 48       | 18 9      | 23 27         | 1 25      |                  |                |                  |
| 22 | Tues. | 12 52        | 19 45     | 15 48       | 19 9      | 23 26         | 1 38      |                  |                |                  |
| 23 | Wed.  | 12 52        | 19 45     | 16 48       | 20 9      | 23 26         | 1 51      |                  |                |                  |
| 24 | Thur. | 12 52        | 19 45     | 16 48       | 21 9      | 23 25         | 2 4       |                  |                |                  |
| 25 | Fri.  | 12 52        | 19 45     | 16 48       | 22 9      | 23 22         | 2 17      |                  |                |                  |
| 26 | Sat.  | 13 52        | 19 45     | 16 48       | 23 9      | 23 21         | 2 29      |                  |                |                  |
| 27 | C.    | 4 14         | 7 52      | 4 20        | 7 45      | 4 17          | 7 48      | 24 9             | 23 19          | 12 2 42          |
| 28 | Mon.  | 14 52        | 21 45     | 18 48       | 25 9      | 23 17         | 2 54      |                  |                |                  |
| 29 | Tues. | 14 52        | 21 45     | 18 48       | 26 9      | 23 13         | 3 6       |                  |                |                  |
| 30 | Wed.  | 4 15         | 7 52      | 4 22        | 7 45      | 4 19          | 7 48      | 27 9             | 23 10          | 12 3 18          |

## CALENDAR, WEATHER ASPECTS, &amp;c.

|                                    |                                      |
|------------------------------------|--------------------------------------|
| D                                  | D                                    |
| 1 A beautiful but warm day.        | 16 Sultry, with distant thunder.     |
| 2 3rd. Moon in Perigee. 5 ev.      | 17 St. Albans, Martyr.               |
| 3 ASCENSION DAY. Holy Thursday.    | 18 Changeable but pleasant.          |
| 4 5th Moon in Perigee. 11 ev.      | 19 Moon in Apogee. 7 mo.             |
| 5 St. Boniface.                    | S Trinity Sunday.                    |
| 6 Sunday after Ascension Day.      | 21 Moon in Apogee. 5 ev.             |
| 7 Not extremely warm, and          | 22 Rain—wind preceded by             |
| 8 the nights have been quite cool, | 23 thunder and lightning.            |
| 9 with tendency towards frost.     | 24 St. John Baptist. Corpus Christi. |
| 10 Change with showers.            | 25 We shall have fair and            |
| 11 St. Barnabas.                   | 26 fine weather for several days.    |
| 12 An excellent growing day.       | S 1st Sunday after Trinity.          |
| S WHIT SUNDAY.—Pentecost.          | 28 and June will end                 |
| 14 St. Basil the Great.            | 29 St. Peter's Day.                  |
| 15 And now quite warm.             | 30 quite warm and summer like,       |

uesday.

1886.]

MEMORANDUM FOR JUNE.

17

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30 mo.  
01 mo.  
13 mo.  
10 ev.

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Christi.

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7th Month.

JULY, 31 Days.

Begins on Thursday.

| Moon's Phases.     |    | Halifax.  | Quebec.   | Montreal. | Kingston. | Toronto. | London.   |
|--------------------|----|-----------|-----------|-----------|-----------|----------|-----------|
|                    | D. | h. m.     | h. m.     | h. m.     | h. m.     | h. m.    | h. m.     |
| New Moon.....      | 1  | 5 42 ev.  | 5 12 ev.  | 5 03 ev.  | 4 53 ev.  | 4 41 ev. | 4 31 ev.  |
| First Quarter..... | 9  | 9 04 mo.  | 8 34 m.   | 8 25 mo.  | 8 15 mo.  | 8 03 mo. | 7 53 mo.  |
| Full Moon.....     | 15 | 10 44 ev. | 10 14 ev. | 10 05 ev. | 9 55 ev.  | 9 43 ev. | 9 33 ev.  |
| Last Quarter.....  | 24 | 3 07 mo.  | 2 37 mo.  | 2 28 mo.  | 2 18 mo.  | 2 06 mo. | 1 56 mo.  |
| New Moon.....      | 31 | 1 11 mo.  | 0 41 mo.  | 0 32 mo.  | 0 22 mo.  | 0 10 mo. | 00 00 mo. |

| M  | DAYS. | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|----|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
|    |       | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|    |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. s.         |
| 1  | Thur. | 4 16         | 7 52      | 4 23        | 7 44      | 4 19          | 7 48      | 28 9             | 23 6           | 12 3 30          |
| 2  | Fri.  | 17           | 81        | 24          | 44        | 23            | 48        | 0 6              | 23 2           | 3 41             |
| 3  | Sat.  | 17           | 81        | 24          | 44        | 20            | 48        | 1 6              | 22 57          | 3 53             |
| 4  | C.    | 4 17         | 7 51      | 4 24        | 7 44      | 4 20          | 7 48      | 2 8              | 22 52          | 12 4 00          |
| 5  | Mon.  | 18           | 80        | 25          | 44        | 21            | 47        | 3 6              | 22 47          | 4 15             |
| 6  | Tues. | 19           | 80        | 26          | 43        | 22            | 47        | 4 6              | 22 41          | 4 25             |
| 7  | Wed.  | 20           | 80        | 27          | 43        | 23            | 47        | 5 6              | 22 34          | 4 35             |
| 8  | Thur. | 21           | 49        | 28          | 42        | 24            | 46        | 6 6              | 22 28          | 4 45             |
| 9  | Fri.  | 21           | 49        | 28          | 42        | 24            | 46        | 7 6              | 22 21          | 4 54             |
| 10 | Sat.  | 22           | 48        | 29          | 41        | 25            | 45        | 8 6              | 22 13          | 5 3              |
| 11 | C.    | 4 22         | 7 48      | 4 29        | 7 41      | 4 25          | 7 45      | 9 6              | 22 5           | 12 5 11          |
| 12 | Mon.  | 23           | 47        | 30          | 40        | 26            | 44        | 10 6             | 21 57          | 5 19             |
| 13 | Tues. | 24           | 47        | 31          | 40        | 27            | 44        | 11 6             | 21 49          | 5 26             |
| 14 | Wed.  | 25           | 47        | 32          | 40        | 28            | 43        | 12 6             | 21 40          | 5 33             |
| 15 | Thur. | 26           | 46        | 33          | 39        | 30            | 42        | 13 6             | 21 30          | 5 39             |
| 16 | Fri.  | 27           | 45        | 34          | 38        | 31            | 41        | 14 6             | 21 21          | 5 45             |
| 17 | Sat.  | 28           | 44        | 35          | 37        | 32            | 40        | 15 6             | 21 11          | 5 50             |
| 18 | C.    | 4 29         | 7 44      | 4 36        | 7 37      | 4 33          | 7 40      | 16 6             | 21 0           | 12 5 55          |
| 19 | Mon.  | 30           | 43        | 37          | 36        | 34            | 39        | 17 6             | 20 49          | 5 59             |
| 20 | Tues. | 30           | 42        | 37          | 35        | 34            | 38        | 18 6             | 20 38          | 6 03             |
| 21 | Wed.  | 31           | 41        | 38          | 34        | 35            | 37        | 19 6             | 20 27          | 6 6              |
| 22 | Thur. | 32           | 40        | 39          | 33        | 36            | 36        | 20 6             | 20 15          | 6 9              |
| 23 | Fri.  | 33           | 39        | 40          | 32        | 37            | 35        | 21 6             | 20 3           | 6 11             |
| 24 | Sat.  | 34           | 38        | 41          | 31        | 38            | 34        | 22 6             | 19 50          | 6 13             |
| 25 | C.    | 4 35         | 7 37      | 4 42        | 7 30      | 4 39          | 7 33      | 23 6             | 19 37          | 12 6 14          |
| 26 | Mon.  | 36           | 36        | 43          | 29        | 40            | 32        | 24 6             | 19 24          | 6 14             |
| 27 | Tues. | 37           | 36        | 44          | 29        | 41            | 31        | 25 6             | 19 11          | 6 14             |
| 28 | Wed.  | 38           | 35        | 45          | 28        | 42            | 30        | 26 6             | 18 57          | 6 13             |
| 29 | Thur. | 39           | 33        | 46          | 27        | 43            | 29        | 27 6             | 18 43          | 6 12             |
| 30 | Fri.  | 40           | 32        | 47          | 26        | 44            | 28        | 28 6             | 18 29          | 6 10             |
| 31 | Sat.  | 4 42         | 7 30      | 4 48        | 7 24      | 4 45          | 7 27      | 0 3              | 18 14          | 12 6 7           |

## CALENDAR, WEATHER ASPECTS, &amp;c.

D

- 1 DOMINION DAY.
- 2 Visitation of *Virgin Mary*.
- 3 Moon in *Perigee*. 5 ev.
- S 2nd Sunday after *Trinity*.
- 5 The month began fair
- 6 and fine, very warm, and
- 7 threatening thunder clouds which
- 8 passed seaward. Still, however,
- 9 the weather is unsettled, and
- 10 probability is now rain and winds.
- S 3rd Sunday after *Trinity*.
- 12 Exceedingly warm day with
- 13 sultry nights. Prospects of
- 14 good haying-time; but if your
- 15 *St. Swithin's Day*.
- 16 grass is cut don't neglect it.

D

- 17 Weather unsettled.
- S 4th Sunday after *Trinity*.
- 19 Moon in *Apogee*. 7 mo.
- 20 continues warm, and
- 21 there is a likelihood of a
- 22 heavy thunder-storm, and
- 23 you may look with confidence
- 24 for showers of rain with wind.
- S 5th Sunday after *Trinity*.
- 26 *St. James the Apostle*.
- 27 *St. Joseph of Arimathea*.
- 28 Looking at the planetary
- 29 system and the Moon's
- 30 position, these days fair.
- 31 Moon in *Perigee*. 11 mo.

aturday.

1886.]

MEMORANDUM FOR JULY.

19

London.

h. m.  
4 31 ev.  
7 53 mo.  
9 33 ev.  
1 56 mo.  
6 00 mo.

m.

Sun on  
Meridian.

h. m. s.  
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3 41  
3 53

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4 25  
4 35  
4 45  
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8th Month.

AUGUST, 31 Days.

Begins on Sunday.

| Moon's Phases.     |    | Halifax. | Quebec.  | Montreal. | Kingston. | Toronto. | London.  |
|--------------------|----|----------|----------|-----------|-----------|----------|----------|
|                    | D. | h. m.    | h. m.    | h. m.     | h. m.     | h. m.    | h. m.    |
| First Quarter..... | 6  | 4 42 ev. | 4 12 ev. | 4 03 ev.  | 3 53 ev.  | 3 41 ev. | 3 31 ev. |
| Full Moon.....     | 14 | 2 20 ev. | 1 40 ev. | 1 41 ev.  | 1 31 ev.  | 1 19 ev. | 1 09 ev. |
| Last Quarter... .. | 22 | 3 27 ev. | 2 57 ev. | 2 48 ev.  | 2 38 ev.  | 2 26 ev. | 2 16 ev. |
| New Moon.....      | 30 | 8 40 mo. | 8 10 mo. | 8 01 mo.  | 7 51 mo.  | 7 39 mo. | 7 29 mo. |

| DAYS. |       | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|-------|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
| M     | Week. | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|       |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. a.         |
| 1     | C.    | 4 44         | 7 28      | 4 51        | 7 22      | 4 47          | 7 25      | 1 3              | 17 59          | 12 6 04          |
| 2     | Mon.  | 46           | 26        | 51          | 21        | 48            | 24        | 2 3              | 17 43          | 6 1              |
| 3     | Tues. | 47           | 25        | 52          | 20        | 49            | 23        | 3 3              | 17 28          | 5 56             |
| 4     | Wed.  | 48           | 24        | 53          | 19        | 50            | 22        | 4 3              | 17 12          | 5 51             |
| 5     | Thur. | 49           | 23        | 54          | 18        | 51            | 21        | 5 3              | 16 56          | 5 40             |
| 6     | Fri.  | 50           | 22        | 55          | 17        | 52            | 20        | 6 3              | 16 39          | 5 40             |
| 7     | Sat.  | 51           | 20        | 56          | 15        | 53            | 18        | 7 3              | 16 23          | 5 33             |
| 8     | C.    | 4 52         | 7 18      | 4 57        | 7 13      | 4 51          | 7 16      | 8 3              | 16 6           | 12 5 25          |
| 9     | Mon.  | 53           | 17        | 58          | 12        | 55            | 15        | 9 3              | 15 49          | 5 17             |
| 10    | Tues. | 54           | 16        | 59          | 11        | 56            | 14        | 10 3             | 15 31          | 5 9              |
| 11    | Wed.  | 55           | 14        | 5 1         | 9         | 58            | 12        | 11 3             | 15 13          | 5 00             |
| 12    | Thur. | 57           | 12        | 2           | 7         | 5 00          | 10        | 12 3             | 14 55          | 4 50             |
| 13    | Fri.  | 58           | 10        | 3           | 5         | 1             | 8         | 13 3             | 14 37          | 4 40             |
| 14    | Sat.  | 5 00         | 8         | 4           | 4         | 2             | 6         | 14 3             | 14 19          | 4 29             |
| 15    | C.    | 5 01         | 7 7       | 5 5         | 7 3       | 5 3           | 7 5       | 15 3             | 14 0           | 12 4 17          |
| 16    | Mon.  | 2            | 6         | 6           | 2         | 4             | 4         | 16 3             | 13 41          | 3 55             |
| 17    | Tues. | 3            | 4         | 7           | 7 00      | 5             | 2         | 17 3             | 13 22          | 3 53             |
| 18    | Wed.  | 4            | 2         | 8           | 6 58      | 6             | 7 00      | 18 3             | 13 3           | 3 40             |
| 19    | Thur. | 5            | 1         | 9           | 57        | 7             | 6 59      | 19 3             | 12 43          | 3 20             |
| 20    | Fri.  | 7            | 6 59      | 11          | 55        | 9             | 57        | 20 3             | 12 24          | 3 12             |
| 21    | Sat.  | 8            | 58        | 12          | 54        | 10            | 56        | 21 3             | 12 4           | 2 58             |
| 22    | C.    | 5 10         | 6 56      | 5 13        | 6 52      | 5 11          | 6 54      | 22 3             | 11 44          | 12 2 43          |
| 23    | Mon.  | 11           | 54        | 14          | 50        | 12            | 52        | 23 3             | 11 23          | 2 28             |
| 24    | Tues. | 12           | 52        | 15          | 49        | 13            | 51        | 24 3             | 11 3           | 2 12             |
| 25    | Wed.  | 13           | 50        | 16          | 47        | 14            | 49        | 25 3             | 10 42          | 1 56             |
| 26    | Thur. | 14           | 48        | 17          | 45        | 15            | 47        | 26 3             | 10 21          | 1 40             |
| 27    | Fri.  | 15           | 47        | 18          | 44        | 16            | 46        | 27 3             | 10 0           | 1 24             |
| 28    | Sat.  | 17           | 45        | 20          | 42        | 18            | 44        | 28 3             | 9 39           | 1 6              |
| 29    | C.    | 5 18         | 6 45      | 5 21        | 6 40      | 5 19          | 6 42      | 29 3             | 9 18           | 12 00 48         |
| 30    | Mon.  | 19           | 41        | 21          | 39        | 20            | 40        | 1 0              | 8 56           | 00 30            |
| 31    | Tues. | 5 20         | 6 40      | 5 22        | 6 38      | 5 21          | 6 39      | 2 0              | 8 35           | 12 00 12         |

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D  
 8 6th Sunday after Trinity.  
 2 Remarkably fine day.  
 3 Another of the same kind.  
 4 St. Dominic's Day.  
 5 Warm, even sultry; but  
 6 the evenings of these days  
 7 are bright and starlight.  
 8 7th Sunday after Trinity.  
 9 Not so pleasant to-day.  
 10 St. Lawrence Day.  
 11 Excessive heat for a day  
 12 or two, but, on the whole,  
 13 agreeable, without storms.  
 14 Full moon's aspects changeable.  
 8 8th Sunday after Trinity.  
 16 15th. Moon in Apogee, 2 ev.

- D  
 17 A thunder-storm, and  
 18 there will be local losses  
 19 from lightning—rain  
 20 and wind accompanying.  
 21 St. Francis de Sales.  
 8 9th Sunday after Trinity.  
 23 Changeable, and the  
 24 St. Bartholomew.  
 25 weather continues very  
 26 variable, and there is  
 27 prospect of showers and  
 28 wind-storms; not general.  
 8 10th Sunday after Trinity.  
 30 29th. Moon in Perigee, 9 mo.  
 31 Quite unsettled, but fair.

Sun lay,

1886.]

MEMORANDUM FOR AUGUST.

21

London.

h. m.  
1 31 ev.  
1 09 ev.  
1 16 ev.  
1 29 mo.

h.

Sun on  
Meridian.

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9th Month.

SEPTEMBER, 30 Days.

Begins on Wednesday.

| Moon's Phases.     |      | Halifax.       | Quebec.        | Montreal.      | Kingston.      | Toronto.       | London.        |
|--------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|
| First Quarter..... | D. 5 | h. m. 3 41 mo. | h. m. 3 11 mo. | h. m. 3 02 mo. | h. m. 2 52 mo. | h. m. 2 40 mo. | h. m. 2 30 mo. |
| Full Moon.....     | 13   | 6 36 mo.       | 6 06 mo.       | 5 57 mo.       | 5 47 mo.       | 5 35 mo.       | 5 25 mo.       |
| Last Quarter.....  | 21   | 1 41 mo.       | 1 11 mo.       | 1 02 mo.       | 0 52 mo.       | 0 40 mo.       | 0 30 mo.       |
| New Moon.....      | 27   | 5 04 ev.       | 4 34 ev.       | 4 25 ev.       | 4 15 ev.       | 4 03 ev.       | 3 53 ev.       |

| DAYS. |       | Montreal, Q. |            | Toronto, O. |            | Halifax, N.S. |            | The Dominion.    |                |                   |
|-------|-------|--------------|------------|-------------|------------|---------------|------------|------------------|----------------|-------------------|
| M     | Week. | Sun Rises.   | Sun Sets.  | Sun Rises.  | Sun Sets.  | Sun Rises.    | Sun Sets.  | Moon's Age Noon. | Sun's Declina. | Sun on Meridian.  |
| 1     | Wed.  | h. m. 5 22   | h. m. 6 38 | h. m. 5 23  | h. m. 6 36 | h. m. 5 23    | h. m. 6 27 | Days. 3 0        | D. m. 8 13     | h. m. s. 11 59 53 |
| 2     | Thur. | 23           | 36         | 25          | 34         | 24            | 35         | 4 0              | 7 51           | 59 25             |
| 3     | Fri.  | 25           | 34         | 26          | 33         | 26            | 33         | 5 0              | 7 29           | 59 15             |
| 4     | Sat.  | 26           | 32         | 27          | 31         | 27            | 31         | 6 0              | 7 7            | 58 56             |
| 5     | C.    | 5 27         | 6 30       | 5 28        | 6 29       | 5 28          | 6 29       | 7 0              | 6 45           | 11 58 36          |
| 6     | Mon.  | 28           | 28         | 29          | 27         | 29            | 27         | 8 0              | 6 22           | 58 16             |
| 7     | Tues. | 30           | 26         | 30          | 25         | 30            | 25         | 9 0              | 6 0            | 57 56             |
| 8     | Wed.  | 31           | 24         | 31          | 24         | 31            | 23         | 10 0             | 5 37           | 57 35             |
| 9     | Thur. | 33           | 22         | 33          | 22         | 33            | 21         | 11 0             | 5 15           | 57 15             |
| 10    | Fri.  | 34           | 20         | 34          | 19         | 35            | 20         | 12 0             | 4 52           | 56 54             |
| 11    | Sat.  | 35           | 18         | 35          | 18         | 36            | 18         | 13 0             | 4 29           | 56 34             |
| 12    | C.    | 5 36         | 6 16       | 5 36        | 6 17       | 5 37          | 6 16       | 14 0             | 4 6            | 11 56 13          |
| 13    | Mon.  | 37           | 14         | 37          | 14         | 38            | 14         | 15 0             | 3 43           | 55 52             |
| 14    | Tues. | 38           | 12         | 38          | 13         | 38            | 12         | 16 0             | 3 20           | 55 31             |
| 15    | Wed.  | 39           | 11         | 39          | 11         | 39            | 11         | 17 0             | 2 57           | 55 9              |
| 16    | Thur. | 40           | 9          | 40          | 9          | 40            | 9          | 18 0             | 2 34           | 54 48             |
| 17    | Fri.  | 41           | 7          | 42          | 7          | 41            | 7          | 19 0             | 2 11           | 54 27             |
| 18    | Sat.  | 42           | 4          | 43          | 5          | 42            | 4          | 20 0             | 1 48           | 54 5              |
| 19    | C.    | 5 44         | 6 2        | 5 44        | 6 3        | 5 44          | 6 2        | 21 0             | 1 24           | 11 53 44          |
| 20    | Mon.  | 45           | 6 00       | 45          | 2          | 45            | 6 00       | 22 0             | 1 1            | 53 23             |
| 21    | Tues. | 46           | 5 59       | 46          | 6 00       | 46            | 5 59       | 23 0             | 0 38           | 53 2              |
| 22    | Wed.  | 47           | 57         | 47          | 5 58       | 47            | 57         | 24 0             | N. 0 14        | 52 41             |
| 23    | Thur. | 48           | 55         | 48          | 56         | 48            | 55         | 25 0             | S. 0 8         | 52 20             |
| 24    | Fri.  | 49           | 53         | 50          | 54         | 49            | 53         | 26 0             | 0 31           | 52 00             |
| 25    | Sat.  | 50           | 51         | 51          | 52         | 50            | 51         | 27 0             | 0 55           | 51 29             |
| 26    | C.    | 5 52         | 5 49       | 5 52        | 5 51       | 5 52          | 5 49       | 28 0             | 1 18           | 11 51 19          |
| 27    | Mon.  | 53           | 47         | 53          | 49         | 53            | 47         | 29 0             | 1 42           | 50 58             |
| 28    | Tues. | 54           | 45         | 54          | 47         | 54            | 45         | 0 6              | 2 5            | 50 39             |
| 29    | Wed.  | 55           | 44         | 55          | 46         | 55            | 44         | 1 6              | 2 28           | 50 19             |
| 30    | Thur. | 5 57         | 5 43       | 5 56        | 5 44       | 5 57          | 5 43       | 2 6              | 2 52           | 11 50 00          |

## CALENDAR, WEATHER ASPECTS, &amp;c.

D

- 1 *St Giles Day*. Fair.
- 2 A pleasant day; fair.
- 3 A fair day; pleasant.
- 4 Ditto, but tending to cold rain.
- 5 *11th Sunday after Trinity*.
- 6 Our prognostication for this 7 and this day is rainward.
- 8 *Nativity of Virgin Mary*.
- 9 No serious cold yet, but 10 pretty near to 32 to-night.
- 11 *Moon in Apogee*, 4 ev.
- 12 *12th Sunday after Trinity*.
- 13 Changeable, but on the whole 14 steady, pleasant, agreeable, 15 and quite seasonable time.

D

- 16 Every probability of wind 17 and rain on these days;
- 18 indeed we look for storms now.
- 19 *13th Sunday after Trinity*.
- 20 Cool, fair, pleasant,
- 21 agreeable days now.
- 22 *St Matthew's day*.
- 23 Fair, warm, fine.
- 24 No particular change 25 until now, when rain falls.
- 26 *14th Sunday after Trinity*.
- 27 *26th*. Moon in Perigee, 7 ev.
- 28 But now fair weather, and 29 *Michaelmas day*.
- 30 the month ends pleasantly.



Wednesday.

1886.]

MEMORANDUM FOR SEPTEMBER.

23

London.

h. m.  
2 30 mo.  
5 25 mo.  
0 30 mo.  
3 53 ev.

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Meridian.

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| 30 | 148 |
| 31 |     |

| Moon's Phases.     |    | Halifax.  | Quebec.   | Montreal. | Kingston. | Toronto.  | London.  |
|--------------------|----|-----------|-----------|-----------|-----------|-----------|----------|
|                    | D. | h. m.     | h. m.     | h. m.     | h. m.     | h. m.     | h. m.    |
| First Quarter..... | 4  | 6 19 ev.  | 5 49 ev.  | 5 40 ev.  | 5 30 ev.  | 5 18 ev.  | 5 0 ev.  |
| Full Moon.....     | 12 | 11 09 ev. | 10 39 ev. | 10 30 ev. | 10 20 ev. | 10 08 ev. | 9 58 ev. |
| Last Quarter.....  | 21 | 10 25 mo. | 9 56 mo.  | 9 47 ev.  | 9 37 ev.  | 9 25 ev.  | 9 15 ev. |
| New Moon.....      | 27 | 3 01 mo.  | 2 31 mo.  | 2 22 mo.  | 2 12 mo.  | 2 00 mo.  | 1 50 mo  |

| DAYS. |       | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|-------|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
| M     | Week. | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|       |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. a.         |
| 1     | Fri.  | 5 58         | 5 42      | 6 58        | 5 42      | 5 58          | 5 42      | 3 6              | 3 15           | 11 49 4          |
| 2     | Sat.  | 6 00         | 40        | 6 00        | 40        | 6 00          | 40        | 4 6              | 3 38           | 49 21            |
| 3     | S.    | 6 1          | 5 38      | 6 1         | 5 38      | 6 1           | 5 38      | 5 6              | 4 2            | 11 49 03         |
| 4     | Mon.  | 2            | 37        | 2           | 37        | 2             | 37        | 6 6              | 4 25           | 48 43            |
| 5     | Tues. | 3            | 35        | 3           | 35        | 3             | 35        | 7 6              | 4 48           | 48 29            |
| 6     | Wed.  | 5            | 33        | 4           | 31        | 4             | 33        | 8 6              | 5 11           | 48 09            |
| 7     | Thur. | 7            | 31        | 6           | 30        | 6             | 31        | 9 6              | 5 34           | 47 52            |
| 8     | Fri.  | 8            | 29        | 7           | 28        | 7             | 30        | 10 6             | 5 57           | 47 35            |
| 9     | Sat.  | 9            | 26        | 8           | 26        | 8             | 28        | 11 6             | 6 30           | 47 19            |
| 10    | S.    | 6 11         | 5 24      | 6 9         | 5 24      | 6 9           | 5 26      | 12 6             | 6 43           | 11 47 03         |
| 11    | Mon.  | 13           | 22        | 11          | 22        | 11            | 24        | 13 6             | 7 5            | 46 46            |
| 12    | Tues. | 14           | 20        | 12          | 23        | 12            | 22        | 14 6             | 7 28           | 46 32            |
| 13    | Wed.  | 15           | 18        | 13          | 20        | 13            | 20        | 15 6             | 7 50           | 46 17            |
| 14    | Thur. | 17           | 16        | 14          | 18        | 14            | 18        | 16 6             | 8 15           | 46 03            |
| 15    | Fri.  | 18           | 14        | 15          | 17        | 15            | 17        | 17 6             | 8 35           | 45 50            |
| 16    | Sat.  | 20           | 13        | 17          | 16        | 17            | 15        | 18 6             | 8 57           | 45 37            |
| 17    | S.    | 6 21         | 5 11      | 6 18        | 5 14      | 6 18          | 5 12      | 19 6             | 9 19           | 11 45 25         |
| 18    | Mon.  | 22           | 10        | 19          | 13        | 20            | 13        | 20 6             | 9 41           | 45 19            |
| 19    | Tues. | 23           | 8         | 20          | 11        | 21            | 10        | 21 6             | 10 3           | 45 1             |
| 20    | Wed.  | 25           | 6         | 22          | 9         | 22            | 8         | 22 6             | 10 24          | 44 51            |
| 21    | Thur. | 26           | 5         | 23          | 8         | 23            | 7         | 23 6             | 10 46          | 44 43            |
| 22    | Fri.  | 27           | 3         | 24          | 6         | 24            | 5         | 24 6             | 11 7           | 44 35            |
| 23    | Sat.  | 28           | 2         | 25          | 5         | 26            | 4         | 25 6             | 11 28          | 44 26            |
| 24    | S.    | 6 30         | 5 00      | 6 26        | 5 3       | 6 28          | 5 1       | 26 6             | 11 49          | 11 44 16         |
| 25    | Mon.  | 31           | 4 59      | 28          | 2         | 30            | 5 00      | 27 6             | 12 10          | 44 9             |
| 26    | Tues. | 32           | 57        | 29          | 5 00      | 31            | 4 58      | 28 6             | 12 31          | 44 3             |
| 27    | Wed.  | 34           | 56        | 30          | 4 89      | 33            | 57        | 0 2              | 12 51          | 43 57            |
| 28    | Thur. | 36           | 53        | 31          | 87        | 34            | 55        | 1 2              | 13 11          | 43 52            |
| 29    | Fri.  | 37           | 51        | 32          | 85        | 35            | 53        | 2 2              | 13 31          | 43 46            |
| 30    | Sat.  | 38           | 50        | 34          | 84        | 36            | 52        | 3 2              | 13 51          | 43 40            |
| 31    | S.    | 6 39         | 4 49      | 6 35        | 4 53      | 6 37          | 4 52      | 4 2              | 14 11          | 11 43 43         |

CALENDAR, WEATHER ASPECTS, &c.

- D  
 1 The month opens very fine  
 2 and fair for some days.  
 S 15th Sunday after Trinity.  
 4 Moon change to-day brings  
 5 fair weather if wind be N.W.  
 6 but there will be rainy  
 7 days if wind be S. or S.W. ;  
 8 wet and cool, with frosty nights  
 9 Moon in Apogee. 1 mo.  
 S 16th Sunday after Trinity.  
 11 No rain but quite cool.  
 12 You may expect fair and  
 13 pleasant weather for  
 14 some days. An occasional  
 15 shower—with intervening  
 16 agreeable sunshine.

- D  
 S 17th Sunday after Trinity.  
 18 Sun warm, but there will  
 19 be some frosty nights and  
 20 therefore vines and plants  
 21 exposed will suffer.  
 22 A very pleasant day.  
 23 24th. Moon in Perigee. 12 ev.  
 S 18th Sunday after Trinity.  
 25 St. Crispin's Day.  
 26 Another nice Sunday.  
 27 New moon this morning  
 28 brought changeable weather  
 29 very unsettled aspects,  
 30 and still very variable.  
 S 19th Sunday after Trinity.

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| ev.  | 9 58 ev. |
| ev.  | 9 15 ev. |
| mo.  | 1 50 mo  |

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| ndition. |          |
| 's       | Sun on   |
| lna.     | Meridian |

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| m. | h. m. s. |
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| 38 | 49 21    |
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| 25 | 48 45    |
| 48 | 48 25    |
| 11 | 48 08    |
| 34 | 47 52    |
| 57 | 47 35    |
| 50 | 47 19    |
| 43 | 11 47 05 |
| 5  | 46 46    |
| 28 | 46 32    |
| 50 | 46 17    |
| 15 | 46 03    |
| 35 | 45 56    |
| 57 | 45 50    |
| 9  | 11 45 25 |
| 11 | 45 19    |
| 3  | 45 3     |
| 34 | 44 50    |
| 16 | 44 42    |
| 7  | 44 35    |
| 28 | 44 28    |
| 19 | 11 44 16 |
| 10 | 44 9     |
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| Moon's Phases.     |    | Halifax. | Quebec.  | Montreal. | Kingston. | Toronto.  | London.   |
|--------------------|----|----------|----------|-----------|-----------|-----------|-----------|
|                    | D. | h. m.    | h. m.    | h. m.     | h. m.     | h. m.     | h. m.     |
| First Quarter..... | 3  | 0 51 ev. | 0 21 ev. | 0 12 ev.  | 0 02 ev.  | 11 50 ev. | 11 40 ev. |
| Full Moon.....     | 11 | 2 52 ev. | 2 22 ev. | 2 13 ev.  | 2 03 ev.  | 1 51 ev.  | 1 51 ev.  |
| Last Quarter.....  | 18 | 6 26 ev. | 5 56 ev. | 5 47 ev.  | 5 37 ev.  | 5 25 ev.  | 5 25 ev.  |
| New Moon.....      | 25 | 3 01 ev. | 2 31 ev. | 2 25 ev.  | 2 15 ev.  | 2 03 ev.  | 1 53 ev.  |

| DAYS. |       | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominion.    |                |                  |
|-------|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|------------------|
| M     | Week. | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian. |
|       |       | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. s.         |
| 1     | Mon.  | 6 41         | 4 47      | 6 37        | 4 51      | 6 39          | 4 49      | 5 2              | 14 30          | 11 43 42         |
| 2     | Tues. | 42           | 46        | 38          | 50        | 40            | 48        | 6 2              | 14 49          | 43 41            |
| 3     | Wed.  | 44           | 45        | 40          | 49        | 42            | 47        | 7 2              | 15 8           | 43 41            |
| 4     | Thur. | 45           | 42        | 41          | 48        | 43            | 46        | 8 2              | 15 26          | 43 41            |
| 5     | Fri.  | 46           | 41        | 42          | 46        | 44            | 44        | 9 2              | 15 45          | 43 43            |
| 6     | Sat.  | 48           | 40        | 44          | 45        | 46            | 43        | 10 2             | 16 3           | 43 45            |
| 7     | C.    | 6 49         | 4 38      | 6 45        | 4 44      | 6 47          | 4 42      | 11 2             | 16 21          | 11 43 48         |
| 8     | Mon.  | 51           | 37        | 46          | 43        | 48            | 41        | 12 2             | 16 38          | 43 52            |
| 9     | Tues. | 52           | 35        | 47          | 42        | 49            | 40        | 13 2             | 16 55          | 43 57            |
| 10    | Wed.  | 54           | 34        | 49          | 40        | 51            | 38        | 14 2             | 17 12          | 44 3             |
| 11    | Thur. | 55           | 33        | 50          | 39        | 52            | 37        | 15 2             | 17 29          | 44 9             |
| 12    | Fri.  | 57           | 32        | 52          | 39        | 54            | 36        | 16 2             | 17 45          | 44 17            |
| 13    | Sat.  | 58           | 30        | 53          | 38        | 56            | 34        | 17 2             | 18 1           | 44 26            |
| 14    | C.    | 7 00         | 4 28      | 6 54        | 4 37      | 6 57          | 4 33      | 18 2             | 18 17          | 11 44 34         |
| 15    | Mon.  | 2            | 27        | 56          | 36        | 59            | 31        | 19 2             | 18 33          | 44 45            |
| 16    | Tues. | 3            | 27        | 57          | 34        | 7 00          | 30        | 20 2             | 18 48          | 44 54            |
| 17    | Wed.  | 4            | 26        | 58          | 33        | 1             | 30        | 21 2             | 19 2           | 45 6             |
| 18    | Thur. | 5            | 25        | 59          | 32        | 2             | 29        | 22 2             | 19 17          | 45 18            |
| 19    | Fri.  | 7            | 24        | 7 1         | 32        | 4             | 28        | 23 2             | 19 31          | 45 32            |
| 20    | Sat.  | 8            | 24        | 2           | 31        | 5             | 27        | 24 2             | 19 45          | 45 40            |
| 21    | C.    | 7 9          | 4 23      | 7 3         | 4 30      | 7 6           | 4 27      | 25 2             | 19 58          | 11 46 01         |
| 22    | Mon.  | 10           | 22        | 4           | 30        | 7             | 26        | 26 2             | 20 11          | 46 16            |
| 23    | Tues. | 12           | 21        | 6           | 29        | 9             | 25        | 27 2             | 20 24          | 46 33            |
| 24    | Wed.  | 13           | 20        | 7           | 28        | 10            | 24        | 28 2             | 20 36          | 46 54            |
| 25    | Thur. | 14           | 20        | 8           | 27        | 11            | 23        | 29 2             | 20 44          | 47 8             |
| 26    | Fri.  | 16           | 19        | 9           | 26        | 12            | 23        | 0 7              | 20 59          | 47 25            |
| 27    | Sat.  | 17           | 18        | 10          | 25        | 13            | 23        | 1 7              | 21 10          | 47 47            |
| 28    | C.    | 7 18         | 4 18      | 7 11        | 4 26      | 7 14          | 4 22      | 2 7              | 21 21          | 11 48 07         |
| 29    | Mon.  | 19           | 16        | 12          | 25        | 15            | 22        | 3 7              | 21 31          | 48 28            |
| 30    | Tues. | 7 20         | 4 18      | 7 13        | 4 25      | 7 17          | 4 21      | 4 7              | 21 41          | 11 48 50         |

## CALENDAR, WEATHER ASPECTS, &amp;c.

- D  
 1 ALL SAINTS' DAY.  
 2 We anticipate cold, rainy  
 3 weather these days, but  
 4 there has been snow down East.  
 5 *Moon in Apogee.* 6 ev.  
 6 Not very disagreeable day.  
 S 20th Sunday after Trinity.  
 8 But now for wind and rain.  
 9 *Prince of Wales' Birthday.*  
 10 To-day and to-morrow unsettled.  
 11 *St. Martin's Day.*  
 12 Changeable, with cold showers.  
 13 Considerable wind-storm.  
 S 21st Sunday after Trinity.  
 15 A cold, half-wintery day,

- D  
 16 Continues cold, but the  
 17 sun shines out to-day and  
 18 it will be frosty to-night.  
 19 Snow may be looked for now.  
 20 21st. *Moon in Perigee.* 7 mo,  
 S 22nd. Sunday after Trinity.  
 22 *St. Cecelia.*  
 23 *St. Clement.*  
 24 Considerable snow has  
 25 fallen easterly, but in the  
 26 west there will be cold rain  
 27 accompanied with high winds,  
 S *First Sunday in Advent.*  
 29 Cold—frosty, yet pleasant,  
 30 ST. ANDREW'S DAY,

m Monday.

1886.]

MEMORANDUM FOR NOVEMBER.

27

London.

h. m.

11 40 ev.

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Sun on Meridian.

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| Moon's Phases.     |    | Halifax.  | Quebec.  | Montreal. | Kingston. | Toronto. | London.  |
|--------------------|----|-----------|----------|-----------|-----------|----------|----------|
|                    | D. | h. m.     | h. m.    | h. m.     | h. m.     | h. m.    | h. m.    |
| First Quarter..... | 4  | 10 11 mo. | 9 41 mo. | 9 32 mo.  | 9 22 mo.  | 9 16 mo. | 9 06 mo. |
| Full Moon.....     | 11 | 5 16 mo.  | 4 46 mo. | 4 37 mo.  | 4 27 mo.  | 4 15 mo. | 4 05 mo. |
| Last Quarter.....  | 18 | 2 25 mo.  | 1 55 mo. | 1 46 mo.  | 1 36 mo.  | 1 24 mo. | 1 14 mo. |
| New Moon.....      | 28 | 5 40 mo.  | 5 10 mo. | 5 01 mo.  | 4 51 mo.  | 4 39 mo. | 4 29 mo. |

| M  | DAYS. | Montreal, Q. |           | Toronto, O. |           | Halifax, N.S. |           | The Dominica.    |                |                 |
|----|-------|--------------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|-----------------|
|    |       | Sun Rises.   | Sun Sets. | Sun Rises.  | Sun Sets. | Sun Rises.    | Sun Sets. | Moon's Age Noon. | Sun's Declina. | Sun on Meridian |
|    | Week. | h. m.        | h. m.     | h. m.       | h. m.     | h. m.         | h. m.     | Days.            | D. m.          | h. m. s.        |
| 1  | Wed.  | 7 21         | 4 17      | 7 14        | 4 24      | 7 18          | 4 20      | 5 7              | 21 51          | 11 49 13        |
| 2  | Thur. | 22           | 17        | 15          | 24        | 19            | 20        | 6 7              | 22 0           | 49 36           |
| 3  | Fri.  | 23           | 17        | 16          | 24        | 20            | 20        | 7 7              | 22 8           | 49 59           |
| 4  | Sat.  | 24           | 17        | 17          | 24        | 21            | 20        | 8 7              | 22 16          | 50 24           |
| 5  | C.    | 7 25         | 4 16      | 7 1         | 4 23      | 7 22          | 4 19      | 9 7              | 22 21          | 11 50 48        |
| 6  | Mon.  | 26           | 16        | 19          | 23        | 23            | 19        | 10 7             | 22 34          | 51 14           |
| 7  | Tues. | 27           | 16        | 20          | 23        | 24            | 19        | 11 7             | 22 38          | 51 39           |
| 8  | Wed.  | 28           | 16        | 21          | 23        | 25            | 19        | 12 7             | 22 45          | 52 7            |
| 9  | Thur. | 29           | 16        | 22          | 23        | 26            | 19        | 13 7             | 22 51          | 52 33           |
| 10 | Fri.  | 30           | 16        | 23          | 23        | 27            | 19        | 14 7             | 22 56          | 53 00           |
| 11 | Sat.  | 31           | 16        | 24          | 23        | 28            | 19        | 15 7             | 23 1           | 53 27           |
| 12 | C.    | 7 32         | 4 16      | 7 25        | 4 23      | 7 29          | 4 19      | 16 7             | 23 6           | 11 53 53        |
| 13 | Mon.  | 33           | 17        | 26          | 24        | 30            | 20        | 17 7             | 23 10          | 54 23           |
| 14 | Tues. | 34           | 17        | 27          | 24        | 31            | 20        | 18 7             | 23 14          | 54 52           |
| 15 | Wed.  | 35           | 17        | 28          | 24        | 32            | 20        | 19 7             | 23 17          | 55 21           |
| 16 | Thur. | 36           | 17        | 29          | 24        | 33            | 20        | 20 7             | 23 20          | 55 50           |
| 17 | Fri.  | 37           | 17        | 30          | 24        | 35            | 20        | 21 7             | 23 22          | 56 19           |
| 18 | Sat.  | 37           | 18        | 30          | 25        | 34            | 21        | 22 7             | 23 24          | 56 49           |
| 19 | C.    | 7 38         | 4 18      | 7 31        | 4 25      | 7 35          | 4 21      | 23 7             | 23 25          | 11 57 18        |
| 20 | Mon.  | 38           | 19        | 31          | 26        | 35            | 22        | 24 7             | 23 26          | 57 48           |
| 21 | Tues. | 38           | 20        | 31          | 27        | 35            | 23        | 25 7             | 23 27          | 58 18           |
| 22 | Wed.  | 38           | 20        | 31          | 27        | 35            | 23        | 26 7             | 23 26          | 58 48           |
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## CALENDAR, WEATHER ASPECTS, &amp;c.

- D  
 1 The month opens with cold  
 2 winds and snow falls.  
 3 *Moon in Apogee.* 3 ev.  
 4 Hard frost unless wind south.  
 S *2nd Sunday in Advent.*  
 6 Indeed there will be considerable  
 7 and sure signs of winter.  
 8 *Immaculate Conception.*  
 9 A few cloudy days and  
 10 several local snow storms.  
 11 have made sleighing possible.  
 S *3rd Sunday in Advent.*  
 13 Snow, with some  
 14 considerable wind, now.  
 15 *Moon in Perigee.* 12 ev.  
 16 Calmer, but cold.

- D  
 17 A cold, wintry day.  
 18 Moon's change to-day brings  
 S *4th Sunday in Advent.*  
 20 snow-falls and heavy winds.  
 21 *St. Thomas' Day.*  
 22 REMEMBER THE POOR.  
 23 Hard-frost, but seasonable,  
 24 and, on the whole, agreeable.  
 25 CHRISTMAS DAY.  
 26 *Sunday after Christmas.*  
 27 *26th. St. Stephen's Day.*  
 28 *Holy Innocents.*  
 29 The New Moon on Christmas Day  
 30 brought hard frost and snow,  
 31 *Moon in Apogee.* 12 mg.

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## The Royal Family.

### THE QUEEN.

VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen, Defender of the Faith, Empress of India. 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 GERMANY, born November 21, 1840, and married to his Imperial Highness Frederick William, Crown Prince of Germany, January 25, 1858.

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.

Her Royal Highness Alice-Maud-Mary, born April 25, 1843, married to H. R. H. Prince Frederick Louis of Hesse July 1, 1862; died December 14, 1878.

His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, Earl of Kent and Earl of Ulster, born August 6, 1844; married to the Grand Duchess Marie Alexandrowna.

Her Royal Highness Helena-Augusta-Victoria, born May 25, 1846; married July 5, 1866, Prince Frederick Christian of Schleswig-Holstein.

Her Royal Highness Louisa-Carolina-Alberta, born March 18, 1848; married March 23, 1871, to the Marquis of Lorne, late Governor-General of Canada.

His Royal Highness Arthur-William-Patrick-Albert, K.G., Duke of Connaught, born May 6, 1850; married March 13, 1879, to Her Royal Highness Princess Louisa-Margaret.

His Royal Highness Leopold-George-Duncan-Albert, Duke of Albany, born April 7, 1853; married April 27, 1882, to H. R. H. Princess Helena of Walbeck; died 28 March, 1884.

Her Royal Highness Beatrice-Mary-Victoria-Feodora, born April 14, 1857; married July 23, 1885, to Prince Henry of Battenberg.

JANUARY.—During the last thirty years in editing these notes we have frequently referred to the necessity for taking care of farming implements during those parts of the year when they are not in use. On this subject a correspondent of the *New York Tribune* says: "many an hour is lost in scouring a rusty plough on the wayside or on a gravel bank. This uses up the metal destroyed by the rust, and it wastes time and labor. There are several easy ways to prevent rusting of ploughs and cultivators, and to keep the teeth bright. One is to give them a coat of thick lime wash as soon as they are brought in from the field; another is to dissolve an ounce of resin in four ounces of linseed oil, and while hot mix this with a quart of kerosene and stir well. This is laid on to the smooth iron with a paint brush. To remove rust from ploughs or tools nothing is better than a mixture of half a pint of oil of vitriol poured slowly into a quart of water, and apply this to the rusted metal. Wash off with water."

Horse raising is a rapidly growing industry in Montana. The pasturage is excellent and the thin air increases the animal's lung capacity. Breeders are using finely bred stations, and they confidently expect that in a few years the Blue Grass region will have a formidable rival in the Bunch Grass plains.

A Maine farmer had a tree which gave a very large crop of very small apples. He thinned the small branches from the outside, taking more than half, and thinning the fruit. The apples became larger and better, and gave as many bushels as before.



## DOMINION OF CANADA.

*Seat of Government, Ottawa.*

## GOVERNOR-GENERAL.

His Excellency the Most Honorable Henry Charles Keith Petty-Fitzmaurice, Marquis of Lansdowne, Earl of Kerry and Shelburne, G.C.M.G., Governor-General of the Dominion of Canada and Vice-Admiral of the same.

*Governor-General's Secretary.*—Viscount Melgund.

*Aide-de-camps.*—Lieutenant H. Streatfield, Grenadier Guards; Hon. H. J. Anson, Lieut. Highland Light Infantry.

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

## LIEUTENANT GOVERNORS.

Their Honors the Hon. J. B. Robinson, Ontario; Hon. L. R. F. Masson, Quebec; Hon. Matthew Henry Richey, Nova Scotia; Hon. Sir Samuel Leonard Tilley, C.B., C.K.M.G. New Brunswick; Hon. Andrew A. Macdonald, Prince Edward Island; Hon. J. C. Aikins, Manitoba; Hon. Edgar Dewdney, North West Territories; Hon. C. F. Cornwall, British Columbia.

## COMMANDING HER MAJESTY'S FORCES IN BRITISH NORTH AMERICA.

Lieut. General Lord A. G. Russell, C. B.

## GENERAL OFFICER COMMANDING MILITIA OF CANADA.

Major General Sir Frederick Dobson Middleton, C.B.

## PRIVY COUNCIL.

Premier and President of the Council, Right Hon. Sir John A. MacDonal, P.C.G.C.; Minister of Finance, Hon. A. W. McLeland Acting Minister of Railways and Canals, Hon. J. Henry Pope; Minister of Public Works, Sir Hector Langevin; Minister of Agriculture, Hon. J. H. Pope; Minister of Militia, Hon. René Adolphe Caron; Minister of Inland Revenue, Hon. John Costigan; Minister of Marine, Hon. A. W. McLelan; Postmaster General, Hon. John Carling; Secretary of State, Hon. J. A. Chapleau; Minister of Customs, Hon. Mackenzie Bowell; Minister of the Interior, Hon. Thomas White; without Portfolio, Hon. Frank Smith; Minister of Justice, Sir A. x. Campbell.

HIGH COMMISSIONER FOR CANADA IN LONDON: Hon. Sir Charles Tupper, C.B.,-K.C.M.G.

Supreme and Exchequer Courts of Canada; Hon. Sir Wm. J. Ritchie, Kt., Chief Justice; Hon. Samuel H. Strong, J.; Hon. Telesphore Fournier, J.; Hon. W. Alex. Henry, J.; Hon. Henri Eliezer Taschereau, J.; Hon. John Wellington Gwynne, J.; Hon. Robert Cassels, Registrar.

FEBRUARY.—Concerning "Clover" as a fertilizer, from Dr. Lawes' experiments it has been found that the soil after a crop of clover has been removed from it contained a largely increased quantity of nitrogen, amounting to as much as would be required to supply several large crops of wheat, and as nitrogen is especially needed for the growth of wheat this increase is of great value to the farmer. A similar effect has been noticed to follow a crop of peas and beans, so that it becomes of the greatest advantage to farmers to bring these crops into their rotation as a means of improving the soil. A farmer in the State of New York has for forty years past produced large crops of wheat every third year upon a portion of his farm too far distant from his farm yard profitably to draw manure from it. Clover was grown for two years, once for hay and once for pasture, and then ploughed under, fertilizing only by a dressing of plaster in its first year.

Fail not to provide plenty of good tools for use in the garden. A steel rake, a scuffle hoe, a weeder, a trowel, a dibble, a small hand cultivator, etc., save time and hard labor enough to pay for themselves in a season.

## PROVINCE OF QUEBEC.

*Seat of Government, Quebec.*

## LIEUTENANT-GOVERNOR.

The Honorable L. F. R. Masson ;

J. C. Burroughs, private secretary ; Captain Sheppard, C. A., aide-de-camp.

Hon. J. J. Ross, M. D., premier, Commissioner of Agriculture and Public Works.

Hon. L. O. Taillon, attorney-general.

Hon. J. G. Robertson, treasurer.

Hon. Jean Blanchet, provincial secretary and registrar.

Hon. Pierre Boucher de la Bruère, speaker Legislative Council.

Hon. W. W. Lynch, commissioner of Crown Lands.

Hon. E. T. Flynn, commissioner of Railways.

## OFFICERS.

J. A. Defoy, clerk of the Executive Council ; G. Grenier, deputy clerk.

## PROVINCE OF ONTARIO.

*Seat of Government, Toronto.*

## LIEUTENANT-GOVERNOR.

The Honorable John Beverley Robinson.

*Private Secretary.*—J. G. Geddes.

## EXECUTIVE COUNCIL.

Attorney-General, Hon. Oliver Mowat, Q. C. ; provincial treasurer, Hon. A. M. Ross ; commissioner of public works, Hon. C. F. Fraser, Q. C. ; provincial secretary, Hon. A. S. Hardy, Q. C. ; commissioner of crown lands, Hon. T. B. Pardee, Q. C. ; Minister of Education, Hon. G. W. Ross ; clerk of Executive Council, J. G. Scott, Q. C.

MARCH.—A word or two about "Corn Fodder" may be of service to some of our readers. We do not care to plant very early, as there is no trouble about its maturing. It starts into a quick, thrifty growth when planted after the ground gets well warmed, and requires less cultivation than if planted earlier. We make the rows three feet apart and the hills from two to two and a half feet. Hilling is preferable to drilling, as we get as much fodder with less labor in harvesting. More food value will be realized if but three stalks are allowed in each hill, for while this perhaps will not give as much weight, it will give more grain, and, therefore, richer food. If not planted till near June in ordinary seasons this corn will grow so rapidly that three cultivations will be sufficient. Most farmers who raise corn fodder cut it too early and thus get a poorer quality of feed, while it causes more difficulty and hazard in curing, because of a tendency to moulding.

THE RHUBARB PLANT comes, like everything in the vegetable world, just when it is most needed. Owing to the warm, rather heavy food, requisite in winter, our blood has become somewhat impure, and requires something of a cooling nature to be taken into the system. Rhubarb possesses more purifying and medicinal properties than any other fruit, and therefore it ought to be far more highly thought of than it generally is. We all know how good it is in puddings, pies, tarts, &c., but there are other ways of preparing it, which may prove more attractive.

## PROVINCE OF NOVA SCOTIA.

*Seat of Government, Halifax.*

LIEUTENANT-GOVERNOR.

The Honorable Matthew Henry Richey.

EXECUTIVE COUNCIL.

Hon. W. S. Fielding, premier and provincial secretary; Hon. A. J. White, attorney-general; Hon. Charles E. Church, commissioner of public works and mines. Without office: Hon. Thos. Johnson; Hon. Ths. F. Morrison; Hon. Isidore Leblanc; J. B. Longley.

## PROVINCE OF NEW BRUNSWICK.

LIEUTENANT-GOVERNOR.

The Honorable Sir Samuel Leonard Tilley C.B. K.C.M.G.

EXECUTIVE COUNCIL.

Hon. ROBERT YOUNG, *President.*

Hon. Andrew G. Blair, premier and attorney-general; Hon. David McLellan, provincial secretary; Hon. P. G. Ryan, commissioner of public works; Hon. James Mitchell, surveyor general; Hon. R. J. Ritchie, solicitor general; Hon. T. F. Gillespie, president of council. Without office: Hon. Archibald Harrison; Hon. E. A. Vail; Hon. Gains S. Turner.

## PROVINCE OF PRINCE EDWARD ISLAND.

LIEUTENANT-GOVERNOR.

The Honorable A. A. Macdonald.

*Private Secretary.*—F. J. Conroy.

EXECUTIVE COUNCIL.

Hons. W. A. Sullivan, Neil McLeod, Donald Ferguson, John Lefurgy, Samuel Prowse, William Campbell, Stewart Barns, J. O. Arseneault, Archibald J. McDonald.

APRIL.—In answer to the question, "When is the proper time to plant out evergreen trees, also maples?" we have the following from the edition of the farming department of the *Weekly Globe*. He says, "Either fall or spring is a suitable season, but spring is preferable. With proper precautions almost any time during the year will answer, but in summer greater caution is necessary. In summer and winter the hole into which the trees are to be set should be ample, and the trees should be lifted with a large amount of earth undisturbed, as it is important that the roots should be in natural contact with the earth from which they derive their nourishment. Transplant only on cloudy days, and carefully avoid allowing the roots to get dry. Do the work as quickly as other necessary conditions will permit. By all means, if possible, avoid transplanting until fall or early in the spring, and then exercise a watchful care."

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## PROVINCE OF BRITISH COLUMBIA.

*Seat of Government, Victoria, V.I.*

LIEUTENANT-GOVERNOR.

Hon. Clement F. Cornwall.

EXECUTIVE COUNCIL.

Hon. Wm. Smithe, premier, chief commissioner lands and works.

Hon. Alex. E. B. Davie, attorney-general; hon. John Robson, minister of finance.

Without portfolio, Hon. M. W. Tyrwhitt Drake, president.

## PROVINCE OF MANITOBA.

*Seat of Government, Winnipeg.*

LIEUTENANT-GOVERNOR.

Hon. James Cox Aikins.

EXECUTIVE COUNCIL.

Hon. J. Norquay, premier; C. P. Brown, minister of public works; Hon. Dr. Wilson, provincial secretary, attorney-general; A. A. C. La Rivière, minister of agriculture.

MAY.—In our notes for this month and the next, we condense the experience of a farmer on the "manner of applying manure" and he says: to my mind the kind of ploughing has a great deal to do with it. If I turn manure under with a flat furrow, and cover it wholly with five, six or seven inches of soil, it is buried where the roots of plants cannot reach it until they have passed through all the poor soil, and the plants may starve before they can reach this food. But if I plough the manure in with lap furrows and so have alternative slices lying in edge of manure soil, and then run the harrow through it, it is evident that the soil and manure are mingled quite as deep as the land is ploughed. There cannot possibly be a better way of doing the work than this for the growing of young crop which has food everywhere for its roots within reach. In so doing we are only following the ordinary laws of culture and growth.

Galvanized iron pails for drinking water should not be used. The zinc coating readily acted upon by water, forming a poisonous oxide of zinc.

Wheat rarely winter-kills by the freezing and thawing of early winter. One reason is that even on moist land the surface soil is rarely saturated with water early in the season. Successive frosts finely pulverize the surface, which then absorbs more water. It is the freezing and thawing which occurs after this which does most mischief. The hardened and rough surface of wheat fields in the early winter is, therefore, some protection to the crop.

Farmers often desire a cement that will hold substances together under water or in damp places. As good a cement as can be wished is made as follows: Dissolve one pound of India rubber in five gallons of coal naphtha. Add an equal weight of gum shellac, and stir over a low fire until the shellac is thoroughly dissolved. The gum shellac in naphtha or water make a stronger mucilage than gum arabic. The addition of the India rubber makes a glue that will not be affected by water.

## NORTH-WEST TERRITORIES.

*Seat of Government, "Battleford."*

LIEUTENANT-GOVERNOR.

Hon. Edgar Dewdney, C.E.

*Clerk of Council.*—Amédée Forget.

## NEWFOUNDLAND.

Newfoundland is a sufficient Post-office address for all the following:

GOVERNOR AND COMMANDER-IN-CHIEF.

Hon. Sir William V. Whiteway, K.C.M.G.,  
Attorney general, premier, *acting*.*Private Secretary.*—T. J. Kough.*Colonial-aide-de-camps.*—Edward L. Jarvis, Fred. Crowdy, M.B.

## EXECUTIVE COUNCIL.

Hon. James J. Rogerson, receiver general; Hon. Edward D. Shea, colonial secretary and clerk of Executive Council; Hon. William H. Donnelly, surveyor general; and Hon. Jas S. Winter.

JUNE.—When manure is spread on the surface the roots cannot get it until the rain washes it down, and if a dry time comes the plants may starve, just as in the first instance. Anyhow, there must be waste from this manure, by the evaporations from it into the air, as it dries repeatedly during its decay. There is a world of experience upon this question dating back for many years, all showing that the roots of plants have a very great effect in causing the decay of organic matter in the soil, and if the roots cannot get at this matter (the manure) one of their most important functions is prevented. The manure and the soil should be brought into the closest contact, so far as the roots of the young plants extend, and this all through the soil, at least as deep as it is ploughed. Plough *in* and not *under*, the object being not to fertilize the air but to manure the soil.

The best farms for farming purposes are based on limestone foundation. It is only where lime abounds that good wheat can be grown. When these soils are exhausted the loss of fertility is not entire, as good management, with a little manure, will render them productive. A soil naturally strong has more of hope in it for the cultivator, even when barren, than one that has never been productive. It is a singular fact that on exhausted limestone lands a dressing of lime proves to be just what is needed to restore productiveness, though analysis of the soil may show it to be well supplied with this mineral in an inactive state.

While it is a rare thing to see a lady, at any fair held in the States, taking even a casual glance at the stock, in Canada fine-appearing and richly-dressed ladies, with their husbands, and often in groups by themselves, make a tour of the stables, stalls and pens, and minutely examine and compare the merits of the different breeds and different animals of each breed, and it is not an infrequent occurrence to find the lady a better judge of stock than her husband. The ladies are also, as a rule, well posted upon the business and conditions of the farms and of farming operations; especially are they well informed in fruit-growing.

## RATES OF POSTAGES.

LETTERS ADDRESSED FROM OR TO PLACES IN CANADA AND UNITED STATES.—3 cents per  $\frac{1}{2}$  ounce.

CITY OR DROP LETTERS FOR THE CITY DELIVERY.—1 cent per  $\frac{1}{2}$  ounce.

Postage rates must in every case be prepaid by postage stamp. When posted wholly unpaid they cannot be forwarded, but will be sent to the Dead Letter Office. Uninsufficiently paid letters, on which one full rate of postage is paid, will be forwarded charged with double the deficient postage, except letters to the United States.

## POST CARDS

Post Cards are issued at one cent each, and may be sent to any address in Canada, Newfoundland, or United States. Post bands can be obtained at the rate of \$1.25 per hundred. Post Cards are also issued at two cents each for transmission to the United Kingdom and European countries.

## RE-DIRECTED LETTERS.

*To any place in Canada, the United States and Postal Union Countries.*

Re-directed letters will be forwarded without any additional charge if not taken from the office, or if handed back at the moment of their delivery, but if taken from the office, and subsequently reposted they become subject to a new rate of postage, in default of which they will be sent to the Dead Letter Office Ottawa.

Notices of change of residence or requests to forward correspondence are acted upon only THREE months, unless renewed before the expiration of that period.

## MIS-DELIVERED CORRESPONDENCE.

The public are respectfully requested to endorse and promptly return any letters which may have been mis-delivered, owing to similarity of names, incomplete addresses, or from any other cause.

## MATTERS WHICH CANNOT BE FORWARDED THROUGH THE POST.

Any explosive substance, glass, with the exception of spectacles or eye-glasses, liquid or other matter likely to entail risk or injury to the ordinary contents of the Mail, will be sent to the Dead Letter Office, Ottawa.

Letters containing gold or silver money, jewels or precious articles, or anything liable to Customs duties, cannot be forwarded by Post to any of the Postal Union countries.

**JULY.**—Quite a little effort has been made in some parts of Quebec to promote forestry; a very praiseworthy undertaking. The relations of the forest growth to the value of agricultural lands and the healthfulness and general prosperity of the country cannot be over-estimated; and should be kept before the people until at least there is a more intelligent and systematic effort made for the culture and preservation of trees. The destruction of maple groves is to be deprecated. It has been said that a forest of maples can be raised from the seeds, which are abundant and full in June, in about 17 years. Other useful and ornamental trees can be brought to what may be called maturity in fifteen or twenty years. It was recently stated by a person in New Jersey that he had in his life-time seen the mother chestnut and two generations of the sprouts which grew from the stumps. Do not be afraid of doing some work that may be of use to future generations.

## REGISTERED LETTERS.

Letters intended to be registered when addressed to places in Canada or Newfoundland must be prepaid by stamp, 2 cents each; to the United States 5 cents each, in addition to the postage rate.

All classes of matter can be registered to the United States.

All letters for Registration should be posted 15 minutes before the hour of closing ordinary Mails, and 30 minutes before closing of English Mails.

Registered letter stamps have been issued to the denominations of 2, 5 and 8 cents, which may be obtained at the usual places.

It is to be clearly understood that Registration does not make the Postmaster General responsible for the contents of a letter if lost or stolen.

## NEWSPAPERS AND PERIODICALS.

*Newspapers and Periodicals Addressed to places in Canada, Newfoundland, or United States.*

Printed and published in Canada, and posted from the office of publication or News Agency, to actual subscribers or news agents (including exchanges) are delivered free. Such periodicals must be issued not less frequently than once per month. Newspapers for England will be sent to subscribers at the same rate.

## TRANSIENT NEWSPAPERS AND PERIODICALS ADDRESSED TO PLACES IN CANADA, NEWFOUNDLAND AND UNITED STATES.

On all newspapers and periodicals other than those from the office of publication, including all newspapers and periodicals published less frequently than once a month, the postage rate is one cent per 4 ounces in weight, which must be prepaid by postage stamp.

Newspapers and periodicals weighing less than one ounce may be posted singly; if prepaid by postage stamp, one half cent each.

Newspapers from office of publication posted for City Delivery are not delivered by Letter Carrier unless prepaid by stamp of one ½ cent each.

Newspapers and periodicals published in the United Kingdom, and reposted by news agents to regular subscribers, are not liable to any additional postage.

## PARCEL POST RATES WITHIN THE DOMINION.

The rates to be prepaid by postage stamp, on parcels posted in Canada for destinations within the Dominion to which parcels can be sent are as follows:—

For each parcel weighing not more than 4 ozs.....6 cents.

For do exceeding 4 ozs., and not exceeding 8 ozs.....12 cents.

For each additional 4ozs., or fraction thereof..... 6 cents.

Parcels intended to pass through the Mails should not exceed 5 pounds in weight or 24 inches in length or 12 inches in breadth, and should be marked "by parcel post." Parcels may be registered by affixing a five cent Registered Letter Stamp thereto in addition to the postage.

## BRITISH COLUMBIA AND MANITOBA.

Except the City of Winnipeg no parcel can be forwarded to the above via United States which exceeds in weight the limits of 2 pounds 3 ounces.

To the City of Winnipeg parcels will be taken up to 5 pounds.

AUGUST.—American Journals are very much annoyed at what is called the "Canada thistles," and what is better they prescribe for their destruction. One of these papers says: "We have found but one successful plan, and that was by two cuttings at the right times in one season. No attention must be given to the condition of the new grass, every consideration must be given to the thistles. The thistles start in the spring more vigorously than the grass. When the Canada thistles come into first blossom set the mowing machine at work and cut them all down. There may be more thistles than grass, but do not mind that. When partly cut rake them up with the grass, haul at once and put in mow. This will all be eaten clean. Cattle and horses are fond of such thistles. Some of the thistles will grow again, and when they come into blossom, cut again, and be careful that every thistle is cut, partially cure, and put in mow as before.

## TRANSMISSION OF SPECTACLES AND EYE GLASSES BY MAIL.

The exclusion of glass from the mails is so far modified that spectacles, eye-glasses, and microscopic slides, if securely put up in cases not likely to allow the contents to escape, if broken in course of conveyance, may be sent by Post within the Dominion on pre-payment of parcel post rates.

## CIRCULARS PRINTED BY THE ELECTRIC PEN, &amp;c.

The term "*printed circulars*" is extended to include circulars produced by the electric pen or other mechanical process, easy of recognition by the officers of the Post office, as well as when printed by the ordinary process of printing types, engraving, or lithography.

## MISCELLANEOUS POSTAL MATTER.

Books and pamphlets, limit 5 pounds printed circulars, prices current, hand-bills, book and newspaper manuscript, printers' proofs, maps and prints, engravings, sheet music, photographs, insurance policies, militia and school returns, seeds, cuttings, bulbs, roots, legal papers, for Canada, Newfoundland and the United States, may be posted prepaid by a stamp at 1c. per 4 oz., provided they be sent in covers open at the ends or sides, and so put up as to admit of the contents being, if necessary, easily withdrawn for examination; if enclosed with written communications, or in sealed envelopes notched at the ends or sides, letter rates will be charged.

The weight of packages of seeds, cuttings, bulbs, roots, scions, or grafts, 4 lbs., and all other miscellaneous matters are limited to 4 pounds in weight, 24 inches in length, and 12 inches in breadth or depth. To all parts of British Columbia, the North West and Manitoba, except the city of Winnipeg, to which the 4 pound limit applies the limit of weight is 2 pounds 3 oz.

Post bands, with an impressed one cent stamp for this purpose, may be obtained at any Stamp Agency at the rate of 4 for 5 cents.

SEPTEMBER.—The New England *Farmer* says, the "bad luck" in raising calves by hand comes from too long intervals between the feedings, too heavy feeding, and especially from giving milk at too low a temperature. Let a calf become very hungry from long fasting, then be given an overfeed of cold milk and one may warrant the calf to become sick within a short time. An overloaded stomach refuses to act, sometimes even when the food is of the proper kind, but is sure to do so when the food is so cold as to chill the animal. When a calf shivers after drinking, it is safe to predict trouble. Milk should be nearly at the same temperature when fed from the pail, that it would be if taken in the natural way direct from the cow, and the colder the weather the more important does this matter of temperature become. The milk should not only be right when taken off the fire, but should be right when it reaches the stable. Blood heat is the right temperature, and should not go below that.

## A NEW RACE OF POTATOES.

Agriculturists are watching with interest a series of experiments now in course of progress by Mr. Arthur W. Sutton, of Reading, for the production of an entirely new race of potatoes. The idea was suggested some time ago by Lord Cathcart, who sent Mr. Sutton specimens of a plant of a potato family grown on the shores of the Chandos Archipelago, for the purpose of cross fertilization. This plant has been brought from wet, low lying lands, and it is hoped by the infusion of blood, which it is expected to give the present common potato, a new seed will be created capable of resisting the wet weather and other climatic influences which now so frequently stunt the growth of the tuber and render it almost uneatable in European countries. The experiments, so far as they have gone, have proved most successful, and it is hoped that next year's crop will result in the production of a potato quite as eatable but much more hardy and thriving than the champion of any other common species now in use.



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## PATTERN AND SAMPLE POST.

## CANADA.

Patterns and samples of merchandise, not exceeding 24 ounces in weight, when posted in Canada for places within Canada must be prepaid by postage stamp at the rate of one cent per 4 ounces weight, and put up in such manner as to admit of inspection. Goods sent in an execution of an order, however small the quantity may be, or articles sent by one private individual to another, not being actually Trade Patterns or Samples, are not admissible as such.

## UNITED STATES.

Patterns and samples of merchandise posted for places in the United States will continue to be subject to the special rate of ten cents each, prepaid by postage stamp, and must not exceed 8 ounces in weight.

## BEAR THIS IN MIND.

Register all valuable letters, and use sealing wax for letters containing money.

Transmit money by money orders.

Make complaints and inquiries in writing.

Preserve, and request correspondents to preserve, envelopes of missent or delayed letters.

Send to the Postmaster envelopes of letters about which you seek information or make complaint.

Business men should be careful to authorize but a limited number of persons to receive their letters, and only those in whom they have full confidence.

OCTOBER.—The pig is an animal that has too often to look out for itself. Yet it has a place in literature. "Harris on the Pig" is worth a careful study. He says of the young ones that they should be gradually weaned. They do better to remain with the sow until eight or ten weeks old, but he would commence weaning when three weeks old. Remove the sow from them,—at first an hour or so at a time, gradually extending the time as they get older. When a month old they may be allowed to go out with the sow for an hour or two in mild weather, but not while the sun is very hot, as in some breeds a hot sun will blister the backs of the young pigs. When five weeks old they may go out into the pasture while the sow is kept in the pen. The little pigs need more exercise at this time than the mother. The great point in pig management is to keep the youngest growing rapidly. If strong and vigorous they are seldom liable to any disease, and if attacked soon throw it off. Harris recommends us to *pet them*, and make them as tame as possible.

"Doctors differ" as to the precise food value of straw, as well they may, but all agree that it is too valuable for that purpose to be consigned directly to the manure heap. On most Canadian farms there is no thought of its use for any other purpose, though it is well known that with the addition of roots, cattle can not only be sustained, but fattened on this much neglected and greatly wasted fodder. "Wifful waste makes woful want, as the experience of the past winter has proved in the case of multitudes.

FARMERS ESPECIALLY seem to think it necessary to have meat and potatoes with other freshly prepared food at the evening meal, the same as for the dinner, saying, "We work hard, we must have hearty food to eat at night as well as at any other time," and of course it is on the table, wife and children are likely to partake of it also. Being tired they retire early, and are very apt to awake in the morning with aching heads, and no appetite for breakfast, which should in reality be the hearty meal of the day. If but little be eaten for supper, the rest will be sweet and refreshing, and in the morning the breakfast will be enjoyed, as it never can be by those who eat heartily at night.

## 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 these 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 from any sum up to \$100, and for as many orders of \$100 each as the applicant may require, upon the following terms only, viz :

|                                  |          |
|----------------------------------|----------|
| On orders up to \$ 4 .....       | 2 cents. |
| "    "    10 .....               | 5    "   |
| "    over 10 and up to \$20..... | 10    "  |
| "    "    20    "    40 .....    | 20    "  |
| "    "    40    "    60.....     | 30    "  |
| "    "    60    "    80.....     | 40    "  |
| "    "    80    "    100 .....   | 50    "  |

Money orders are issued in Canada on the following Foreign Countries and British Possessions, at the rates of commission shown below :

|                             |                           |  |      |      |      |      |
|-----------------------------|---------------------------|--|------|------|------|------|
| The United Kingdom.....     | } For sums not exceeding— |  |      |      |      |      |
| The German Empire.....      |                           |  |      |      |      |      |
| Sweden .....                |                           | \$10                                     | \$20 | \$30 | \$40 | \$50 |
| Norway.....                 |                           | 10c.                                     | 20c. | 30c. | 40c. | 50c. |
| Denmark (also Iceland)..... |                           |  |      |      |      |      |
| The Netherlands.....        |                           |  |      |      |      |      |
| Belgium .....               |                           |  |      |      |      |      |
| Italy.....                  |                           |  |      |      |      |      |
| Switzerland.....            |                           |  |      |      |      |      |
| Austria-Hungary.....        |                           |  |      |      |      |      |
| Roumania.....               |                           |  |      |      |      |      |
| United States.....          |                           | } (\$50 is the limit of a single order.) |      |      |      |      |
| Jamaica.....                |                           |  |      |      |      |      |
| Barbados.....               |                           |  |      |      |      |      |
| Newfoundland .....          |                           |  |      |      |      |      |
| British India.....          |                           |  |      |      |      |      |
| Victoria (Australia).....   |                           |  |      |      |      |      |
| New South Wales .....       |                           |  |      |      |      |      |
| Tasmania.....               |                           |  |      |      |      |      |
| New Zealand.....            |                           |  |      |      |      |      |

Money orders on the above countries are drawn in Canada Currency.

Applicants for money orders must always use the printed application forms, in which they will fill up the particulars of the order required. These forms are supplied gratuitously at all money order offices.

NOVEMBER.—A word about crows for winter meditation. Most farmers fight the crow as an enemy, but some consider him a friend. It is told of a Yankee farmer that when his corn is planted he sows two or three quarts of corn, well scattered over the place, and continues to sow until the corn is too large to be pulled up by the crows. In this way he secures their services to catch bugs, grubs, snakes, mice, and other nuisances to the farmer. Rather than an enemy he considers the crow one of the best friends of the farmer, and that if he had not been so necessary, he would not have been made so cunning. To the same purport it is related that a farmer once wanted to borrow a gun from a neighbor to kill some crows in his corn field, and which he thought were eating his grain. His neighbor declined to lend the gun, thinking the crows useful, and to satisfy his curiosity, he shot one of them, opened the crow and found in it thirty one cut worms and only four grains of corn.

As there are many places of the same name in Canada, in the United Kingdom, in the United States and other Countries, it will be necessary always to indicate upon the forms of application and in the advices the country and Province, or State, in which the office where the order is to be made payable is situated.

With the under-mentioned exceptions, no Money Order payable in the Dominion, the United Kingdom, the United States or any Foreign Country or British Possession, will be issued, unless the remitter furnish his own christian name, surname and address, and also the christian name and surname (*and in the case of orders payable abroad, the full address or residence*, of the payee. The exceptions to this rule are as follows:—If the particulars be furnish in writing, whether by filling up one of the printed requisition forms, or wholly in manuscript, it will not be necessary to give the christian name in full, it will be sufficient if the first letter be given, but if the name of the payee, or that of the remitter be tendered at greater length whether in the initials or full name, it must be received and advised accordingly. If the remitter or payee be a firm or corporate body the usual designation of such firm or corporate body is sufficient. When a married woman is either the remitter or the payee her own christian name should be given, and not that of her husband, thus—"Mrs. *Mary* Smith," not Mrs. *John* Smith."

When a remitter desires an order on the United Kingdom to be paid through a bank, it is left to his option to give or withhold the name of the payee, or to substitute for the name of the payee any other designation or modification, such as "the Cashier of the Bank of England," "the Chief Clerk of the Foreign Office." Such orders must, however, be crossed by the issuing postmaster with the name of the bank through which the order is to be paid.

The senders of money orders payable in Canada can procure re-payment thereof, on certain conditions, by applying to the Superintendent, Money Order Branch, Ottawa, through whom also application should be made for repayment in Canada of money orders payable abroad. Any order, however, may be repaid without the authority of the Superintendent, if presented for repayment on the day on which it is issued, and before the advice has been mailed.

Persons procuring money orders should examine them carefully to see that they are properly filled up and stamped, and contain *neither alteration nor erasure*. This caution will appear the more necessary when it is understood that any defect in these respects will throw difficulties in the way of payment.

The issues of money orders on credit, or for cheques not marked "good" by the bank drawn upon, is strictly prohibited, and by the Post Office Act of 1875 is made a misdemeanor, punishable with fine and imprisonment. Persons aiding, abetting, counselling or procuring the commission of any such offence are guilty of a misdemeanor, and punishable as principal offenders.

Payees who are not known to the post master or paying officer are required to prove their identity before the orders they present can be cashed.

If payee is unable to write, he must sign the receipt at the foot of the order by making his mark, to be witnessed in writing.

DECEMBER.—Always look for a little good advice under this month. Be sure and spend part of your long winter evenings in the careful reading of some good and useful books. At the present time there is no lack of valuable literature, which may be procured at very reasonable rates. Cheap books are not always the best, but there are many first-class books that can be bought very cheap. Works on Science and Natural Philosophy may be considered appropriate for the farmer. If the young men have tastes for other pursuits than farming, then the books appertaining to their tastes or pursuits may always be had. Avoid all intoxicating drinks—Keep good company—Remember he that walketh with the wise shall be wise, but a companion of fools shall be destroyed. Don't aspire to city life. Many young farmers are allured from the homestead and from rural life, by the glare of gas, that is—by vain predictions of success.

When a money order payable in Canada has been lost, the circumstance must be made known to the Superintendent, who under certain precautions, will either issue, or take measures to obtain a duplicate.

Duplicates of orders issued in Canada and payable in another country are obtainable only on application to the Postal Administration of the country of payment. Duplicates of Money Orders issued in any other country, and payable in the Dominion of Canada, are granted by the Superintendent of the Money Order Branch at Ottawa.

Money orders which are not presented until one full year after their date are considered as lapsed orders, and cannot be paid without the special permission of the Superintendent. In all such cases satisfactory reasons should be given explanatory of the delay in the presentation of the order.

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### FARMING AND GETTING RICH.

It may be wholly idle to attempt to stem the tide that is rising with such a force in this country in favor of mere riches, but in the case of farmers it is as well to lay the simple truth before them as to withhold. Without in the least presuming to dictate motives or aims to any class of men, we may nevertheless say with perfect truth and respect for their status and privileges, that farmers of all men are the very last ones who need trouble themselves about riches as other people do. Possessing and living upon their own productive acres, they have all the requisite resources of wealth constantly in their own hands. They are sure of shelter, of food, and of needful clothing; to toil and moil, pinch and screw, starve and deny, merely to be accounted worth a certain amount of money, is only wasting the precious term of life which might be used to far better purpose.

We will indulge in no moralizing on the subject further than to say that to go without in order to scrape together certain sum of money, and then to leave it behind without ever having the productive and enjoyable use of it, is the folly of childishness itself. To provide, with prudence and industry, against the accidents of life and the infirmities of possible old age, is of course every man's duty, and should supply the healthful stimulus to exertion; but to become a slave, to starve the higher and better nature, and to deny rational enjoyment to one's self and family merely to be reckoned worth so many dollars, is folly indefensible.

A man on his own farm, well cultivated and kept, well stocked, with good modern dwelling and barns and outbuildings, master of both time and acres, tied to no hours by the call of bells or whistles, free to come and go according to the necessities of none but himself, mostly in his own fields and performing his healthful labors within sight of the smoke of his own chimneys, is surely as rich in the genuine sense of that word as any man can be. He has nothing to fear and nobody to envy. Of one thing he is sure all his days, and that is a sufficient living; and that is what other men are never sure of without a single pang of doubt or apprehension. There is his land; there is his home; there is all the animate and inanimate machinery of his establishment; and for the rest he looks in profound trust to the bounty of heaven.

Instead of this unworthy and demoralizing anxiety to get rich, if the average farmer, once being solidly established, would resolve to enlarge and exalt his life as it is, to make more out of that, to enjoy as much as possible of what there is to be enjoyed, to adorn and beautify his home—that only paradise on earth—within and without, he would find all his daily tasks far easier even to the extent of being delightful, he would feel rich where now with more money he feels all the time poor, and he would rid himself of a false tyrant in the form of increasing parsimony that holds his nose to the grindstone till he is flung into his grave. If farmers only knew it, they could easily be the richest men on earth.

The witness must sign his name and his address, in the presence of the paying officer, who must then certify the payment by adding his initials. The witness must be known to the paying officer, but it is desirable, though not imperative, that he be not connected with the office. In no case must the paying officer act as witness. It is not necessary that the witness be personally known to the payee.

In cases of money orders issued in Canada, postmasters are at liberty to accept the written order of the payee on the order itself in a favor of a second person if through illness or insuperable difficulty the payee is prevented from presenting the order in person.

#### POST OFFICE SAVINGS BANK.

The direct security of the Dominion is given by the Statute for all deposits made in the Post Office Savings Banks.

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.

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.

As respects children under ten years of age, money may be deposited—

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.

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.

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 passbook, and can withdraw money at that savings bank office which is most convenient to him. For instance, if he makes his first deposits 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.

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.

Each depositor's account is kept in the postmaster general's office, in Ottawa, and in addition to the postmaster's receipts in the pass book, a *direct acknowledgment from the postmaster general for each sum paid in* is sent to the depositor. If this acknowledgment does not reach the depositor within ten days from the date of his deposit, he must apply *in writing* to the postmaster general, by letter, being careful to give his address and, if necessary, renew his application until he receives a satisfactory reply.

#### GATLING GUNS.

The Gatling gun weighs about 1,500 pounds and is precisely of the same design as the ordinary cannon. There are ten chambers that revolve in the barrel proper, and each chamber has an independent lock. The main barrel is eight inches in diameter. The size of cartridge used is that of the ordinary 45 Government rifle calibre. Each feed drum contains 240 rounds. The firing is done by operating a crank; the cartridge is exploded by a hammer which works with such great rapidity that 120 cartridges are fired in a minute. The movement of the gun can be so adjusted as to make it either stationary or oscillating, so that the gun practice can become either scattered or centrifugal in its execution. At 700 yards the Gatling gun has been known to hit a 12 x 15 feet target 396 times out of 400 shots. At 1,200 yards 413 out of 500 shots have struck a 9 x 25 feet target. To show the rapidity with which the guns can be worked, it might be explained that the time occupied in coming to action front from trot and firing is ten seconds; limber rear, mount and off, 13 seconds.

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.

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.

Postmasters are forbidden by law to disclose the name of any depositor, or the amount of any sum deposited or withdrawn.

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.

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.

A full statement of the Regulations of the Post Office Savings Bank may be seen at the nearest Post Office.

*Emigration Agents of the Dominion in Europe.*—London: Sir Charles Tupper, C.B., K.C.M.G. the High Commissioner for the Dominion of Canada, 10 Victoria Chambers, London, S. W.; Private Secretary, J. Calmer. Liverpool: Mr. John Dyke, 15 Water Street. Glasgow: Mr. Thomas Grahame, 40 St. Enoch square. Belfast: Mr. Charles Foy, 29 Victoria Place. Dublin: Mr. Thomas Connolly, Northumberland House.

*Immigration Agents in the Dominion.*—J. Smith, Hamilton; R. McPherson, Kingston; A. G. Smythe, London; W. J. Wills, Ottawa; J. A. Donaldson, Toronto; J. J. Daly, Montreal; L. Stafford, Quebec; E. Clay, Halifax, N.S.; S. Gardner, St. John, N.B.; W. C. B. Graham, Winnipeg; J. E. Tétu, Dufferin, Manitoba.

**FOR NEWLY SET TREES.**—Keep the ground clean, and especially keep it mellow for a space of six feet all around, from early spring to late summer.

A splendid feed for poultry in the morning is one-third ground oats, one-third cornmeal and one-third fine feed.

The best churn is one that will agitate most without pounding, at the same time creating a free current of air in the churn.

The farmer who leaves a few spare weeds to grow next to the fences which surround his fields, along the public highways, and in similar situations, is supporting an enemy against whom he must continually wage a fierce battle.

An easy way to kill plantain, dandelion and other weeds in a lawn, is to place a little sulphuric acid with a stick on the crown of each plant, carrying the acid in an open mouthed bottle with a long handle, so as not to touch it with fingers or clothes.

**A GOOD DEAL DEPENDS** upon the condition of a man's stomach as to how he feels about undertaking a hard day's work. Put an ill-fed man to perform a day's work alongside of one who enjoys a varied and healthy diet, and other things being equal, the latter will soon show the advantage.

**REMEMBER** that nearly all soils are injured by working them when wet. It is better to let the weeds get a little the start, and fight them a little harder when the ground gets dry enough to slip from the harrow and cultivator teeth. If protracted wet weather prevails, see if a furrow here and there run in the proper direction will not conduct away the surplus water.

**BARN DOORS** should always be made to slide rather than swing on hinges. The first cost is slightly more, but if well done the sliding doors will last enough longer to make them the cheaper. Sliding doors have the important advantages that they are not liable to blow off by heavy winds, and the door can be partly opened to admit light without having it swung open to its full extent. Every barn should have a basement, and the doors to driving floors above these should always be set on rollers.

## COURTS.

REVISED EXPRESSLY FOR THE CANADIAN FARMER'S ALMANAC, BY  
HAGUE & HAGUE, ADVOCATES, MONTREAL.

## PROVINCE OF QUEBEC.

I. COURT OF QUEEN'S BENCH, APPEAL SIDE.—Montreal, 15th to 27th (both inclusive) of January, March, May, September and November; Quebec, 1st to 8th (both inclusive) of February, May, October and December.

CROWN SIDE.—Montreal, 1st March, 1st June, 1st September, 2nd November; Quebec, 10th April, 10th October; Three Rivers, 23rd March and 23rd September; Sherbrooke, 1st March and 1st October; Kamouraska, 23rd March and 18th December; Aylmer, 10th June and 10th December; Percé, 13th February and 7th October; New Carlisle, 13th February and 13th September; Arthabaskaville, 19th February and 19th October; Beauce, 20th June and 20th October; Montmagny, 26th March and 25th October; Joliette, 15th January and 2nd July; Sorel, 20th January and 16th June; Chicoutimi, 2nd June and 15th January; Sweetsburg, 20th March and September; Rimouski, 23rd March and 23rd October; Malbaie, 5th February and 22nd June; Beauharnois, 1st March and 1st October; St. Hyacinthe, 15th January and 15th June; St. Scholastique, 7th January and 2nd July; Iberville, 11th March and 11th October.

II. SUPERIOR COURT.—DISTRICT OF MONTREAL.—(Counties of Hochelaga, Jacques Cartier, Laval, Vaudreuil, Soulanges, Laprairie, Chambly, Verchères and city of Montreal.) Held at Montreal, 16th January to 30th April, 1st May to 30th June and 1st September to 20th December.

DISTRICT OF QUEBEC.—(Counties of Portneuf, Quebec, Montmorenci, Levis, Lotbinière, parish of Beaumont and city of Quebec.) Held at Quebec on the 1st five juridical days of each month and the five juridical days following the 15th of each month except July and August.

DISTRICT OF OTTAWA.—(Counties of Ottawa and Pontiac.) Held at Aylmer, 20th to 26th January and September, 29th April, 5th May, 28th November and 4th December.

## APPLICATION OF FERTILIZERS.

The question is often asked, and it is one of the greatest importance to the gardener and fruit-grower as well as the farmer, "When is the best time to apply chemical fertilizers?" Those fertilizers which contain the very soluble elements of potash, soda, and the salts of ammonia, should never be applied in the fall, as during the winter they are readily carried off with the surface drainage of the land, and are continually being washed down into the soil beyond the reach of the roots by each successive rain, and much will undoubtedly thus be lost. A great benefit, however, will result from fall use of those fertilizers in which the phosphoric acid is as found in bones, and the ammoniacal or nitrogenous matter is from blood, flesh and fresh bone. When not applied in the fall all kinds of fertilizers should be used as early in the spring as possible after the frost is out.

HOW TO MEASURE CORN IN A CRIB, HAY IN A MOW, ETC.—This rule will apply to a crib of any size or kind. Two cubic feet of good sound dry corn in the ear will make a bushel of shelled corn. To get, then, the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib, inside of the rail; multiply the length by the breadth and the product by the height; then divide the product by two, and you have the number of bushels of shelled corn in the crib.

To find the number of bushels of apples, potatoes, in a bin, multiply the length, breadth and thickness together, and this product by 8, and point off one figure in the product for decimals.

To find the amount of hay in a mow, allow 512 cubic feet for a ton, and it will come out very generally correct.

**DISTRICT OF THREE RIVERS.**—(Counties of Maskinongé, St. Maurice, Champlain, Nicolet and city of Three Rivers.) Held at Three Rivers, 17th to 22nd March, June, September and December.

**DISTRICT OF ST. FRANCIS.**—(Counties of Richmond, Wolfe, Compton, Stanstead and city of Sherbrooke.) Held at Sherbrooke, 10th to 14th January, March, May, September and November.

**III. CIRCUIT COURT.**—(Jurisdiction for sums not exceeding \$:00. In districts of Montreal and Quebec for sums not exceeding \$100.)

**DISTRICT OF MONTREAL.**—Held at Montreal, 1st to 20th of every month except January, July and August.

**DISTRICT OF QUEBEC.**—Quebec District Circuit: held at Quebec same days as Superior Court. Lotbinière Circuit: held at St. Croix, 12th to 15th February, June and October.

**DISTRICT OF THREE RIVERS.**—Three Rivers District Circuit: held at Three Rivers, 10th to 16th March, June, September and December. Maskinongé County Circuit: held at Rivière du Loup, 4th and 5th February, June and October.

**DISTRICT OF OTTAWA.**—Ottawa District Circuit: held at Aylmer, 15th to 19th January, 12th to 28th April, 15th to 19th September, 23rd to 27th November. Ottawa County Circuit: held at Hull, 27th to 31st January, 6th to 10th May, 27th September to 1st October, 5th to 9th December; held at Papineauville, 3rd to 7th February, 14th to 10th May and 6th to 10th October. Pontiac Circuit: held at Portage du Fort, 19th to 23rd February, 28th May to 2nd June, 22nd to 26th October. Pontiac County Circuit: held at Chapeau Village, 24th to 28th February, 3rd to 7th June, 27th to 31st October.

AMOUNT OF OIL IN SEEDS.

| <i>Kinds of Seed.</i> | <i>Per cent Oil.</i> | <i>Kinds of Seed.</i> | <i>Per cent Oil.</i> |
|-----------------------|----------------------|-----------------------|----------------------|
| Rapeseed .....        | 55                   | Oats.....             | 6½                   |
| Sweet Almond .....    | 47                   | Clover hay .....      | 5                    |
| Turnip seed.....      | 45                   | Wheat bran.....       | 4                    |
| White mustard.....    | 37                   | Oat-straw.....        | 4                    |
| Bitter Almonds.....   | 37                   | Meadow hay.....       | 3½                   |
| Hempseed .....        | 19                   | Wheat-straw.....      | 3                    |
| Linseed .....         | 17                   | Wheat flour.....      | 3                    |
| Indian corn .....     | 7                    | Barley.....           | 3½                   |

THERE ARE MANY quarter or half acres on most farms that were too wet to plough when preparing for corn, or where if planted the seed rotted. These, large or small, are, or soon will be, dry enough to work. They may be profitably sown to millet some time during June. Even toward the close of the month will answer. German millet is said to be even more productive than Hungarian or the common sort. The millet furnishes good forage when green and cured at the proper time makes excellent dry feed to alternate with hay or grain straw.

Without doubt quack grass, when killed, makes a valuable fertilizer, as its roots penetrated deeply, and in their decay furnish a large quantity of vegetable mould. But killing quack is a matter of great difficulty, and until it is killed it is a troublesome customer for growing crops to deal with. Where it abounds it undoubtedly makes good cultivation necessary, and this is an advantage to all hoed crops. But when we read that certain writers on farming recommend quack grass as a manure, we are irresistibly reminded of the sly old fox, which, having had the misfortune to lose his tail in a steel trap, became suddenly eloquent as to the advantages of this painful amputation, and urged that the new fashion should be universally adopted by the whole fox kind.

One of the large cattle ranchers at Fort McLeod, Mr. Bryant, says the past winter has been more than favorable for the ranching business in the North-West. There has been no disease among the cattle, nor has there been any loss. The calf crop, he states, has been simply extraordinary and unparalleled in the history of ranching in that section of the country.



## PROVINCE OF ONTARIO.

**COURT OF ERROR AND APPEAL.**—Constituted for the hearing of appeals of 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 \$5,000, or where annual rent, fee, or future pleas and appeals in Criminal cases from the Court of Queen's Bench and rights of any amount are affected.

**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 capias issue alternately from either Court.

**COURT OF CHANCERY.**—This Court has the like jurisdiction as the Court of Chancery in England in case of fraud, accident, trust, executors, administrators, 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 be \$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.

**THE SUCCESSFUL STOCKMAN** will find the necessity of exercising incessant watchfulness. It will not do to trust to the vigilance of hired help alone, as we usually find it in this country. It is nothing short of wonderful the quickness with which the vigilant breeder will detect the slightest thing that has gone astray in the herd though a matter that might not have been detected for days by a careless observer.

T. F. Baker, of New Jersey, increased his income from early crops from \$1,750 to \$7,300 by use of mixed manures; 25 loads barn manure with 1 ton of fine bone or reliable compound fertilizer; 40 to 50 loads per acre, ploughed broadcast on ploughed land and harrowed in.

Where the grain is only to be used for feeding, oats and peas are sometimes grown together. The practice is an excellent one, as the two grains will produce more feed than either grown separately. They are also good when cut green for for soiling purpose or for putting into the silo. Peas are strong, rich feed, and their vines shade the ground so completely that they act as a mulch to the soil during the hottest weather. Oats growing with peas keep the vines of the latter from falling down.

## PLASTER ON CLOVER.

It is not certain that plaster will benefit clover. On some soils and in some seasons it greatly increases the products, and its cost is so small that it is always worth experimenting with. A dressing of about 100 pounds, or about one bushel of plaster per acre, will produce as good effect as a larger dose. It should be sown early. Some good farmers draw it in sleighs in winter and sow while the snow is on the ground; others think it better to wait until the leaf appears, that the plaster may fall upon that. It is said that Benjamin Franklin introduced the use of gypsum into this country, getting it from Paris, whence it was long called the plaster of Paris. He sowed a place on a conspicuous hillside so as to form the word plaster in very large letters. Every one enquired the cause of the extra large growth of the plants forming the letters, and, when told, the practice of sowing plaster on clover rapidly increased.

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**SUBROGATE 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.

**COURT OF GENERAL SESSIONS.**—The County Judge in each county holds a Court, of General Sessions in this county semi-annually on the second Tuesday in June and December, except in the County of York, in which county said Court is held, four times, commencing on the first Tuesday in March and December, and second Tuesday in May and September, 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 at such time and such periods as the Judges may appoint, the times now fixed being the 1st Tuesday in March and September and the second Tuesday in January, May and November.

**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; Trinity begins Monday after 21st August and ends the Saturday of the following week.

**CHANCERY TERMS.**—*Examination Terms.*—From 3rd Thursday of February to the last Thursday in August and from the first Thursday in December. *Hearing Terms.* The Court 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.

IF A FARMER is obliged to plant on land not enriched as he would like to have it, he can produce part of the effect of increased manure by thorough tillage to destroy weeds, and give the crop the full benefit of what plant food the soil contains. This is better and cheaper than heavily manuring land and allowing weeds to get most of the benefit.

A tree in pasture is sometimes valuable for its shade, and on other portions of the farm a handsome old tree may be retained for its beauty or its associations. But it is none the less a fact that such trees are a nuisance in fields that are cultivated with either hoed crops or grain. It is a question with farmers hard set to make their farms pay, whether they can afford these expensive luxuries. Many trees are worth more for cordwood than for any other purpose, and until they are cut away the land near them can only be cropped at a loss.

BY KEEPING THE WOODEN parts of all tools and machines well oiled with petroleum, and giving a bright polish to the metallic portions it will make them last longer and render them more efficient. A spade or hoe, or the mouldboard of a plough, when fresh from use, is easily cleaned from the soft, fresh soil; but in a few days after the soil has hardened and the tool has become rusty, the cleaning is difficult, and the rough, rusty surface diminishes its value. The cheapest way is to put tools up every night thoroughly cleaned.

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