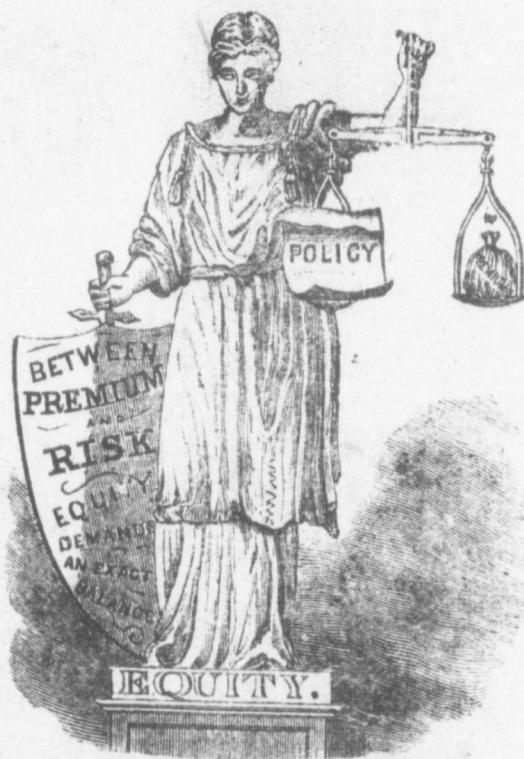


*Some value history*

# THE AGRICULTURAL FARMERS' ALMANAC

FOR THE YEAR OF OUR LORD

## 1876.



PRESENTED BY THE  
Canada Agricultural Insurance Comp'y.

Head Office: 180 ST. JAMES ST., MONTREAL.

THE CANADA AGRICULTURAL is truly a FARMER'S COMPANY, and should be patronized and supported by them.

It is SAFE, PROMPT and HONORABLE in all its transactions.

It is managed by men who have made a study of this peculiar class of Insurance, and who thoroughly understand the wants and requirements of the Farmers.

CANADA

# Agricultural Insurance Comp'y.

## ADVANTAGES OFFERED.

- 1st.—It is a purely Canadian Institution, its business is confined to the Dominion, and is under the management of men who have devoted many years to this peculiar branch of Insurance, and understand thoroughly the requirements of the Farmers as a class.
- 2nd.—It has a larger *subscribed* and *paid-up* Capital than any other Company in Canada confining its business to the same class of risks. It has \$50,000 deposited with the Government at Ottawa,—giving its Policy Holders the *best security* of any Insurance Company in the Dominion.
- 3rd.—It insures nothing more hazardous than Farm Property and Residences, thus avoiding heavy losses from sweeping fires and business risks.
- 4th.—It insures Live Stock against death by lightning, either in the buildings or on the premises of the assured. Also, insures buildings against loss and damage by lightning, *even where fire does not ensue.*

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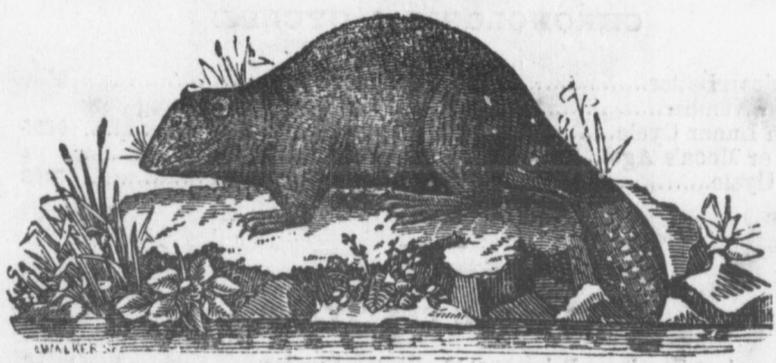
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The Agricultural  
**FARMERS' ALMANAC**  
FOR THE YEAR OF OUR LORD  
**1876.**



*Being Leap Year, and until the 20th June, the thirty-ninth Year of the  
Reign of Her Majesty Queen Victoria.*

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

SENT WITH THE COMPLIMENTS OF THE  
**Canada Agricultural Insurance Company,**  
180 ST. JAMES STREET.

Montreal:  
—  
1876.

EXPLANATION OF CALENDAR PAGES.

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

The CANADA AGRICULTURAL pays for Live Stock killed by lightning in fields.

CHRONOLOGICAL CYCLES.

Table with 2 columns: Cycle Name and Value. Includes Dominican Letter, Golden Number, Jewish Lunar Cycle, Epact or Moon's Age, Solar Cycle, Julian Period, Jewish Year commencing 30th September, Roman Indiction, and Mohammedan Year.

MOVABLE FESTIVALS.

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

HOLIDAYS OBSERVED AT PUBLIC OFFICES.

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

BANK HOLIDAYS IN ONTARIO.

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

Buy the Williams' Singer Sewing Machine if you

1876]

Gemini, Arms.

Leo, Heart.

Libra, Rein.

Sagittarius, Thighs.

Aquarius, Legs.

ECI

There will be fo... I.—On the 10... It will begin ab... II.—On the 25... and a-half digits... central beginning... the Eclipse ends... utes past 3 p.m... III.—On the t... Moon, not visible... IV.—On the 1... but it will not b...

Vernal Equinox Summer Solstice Autumnal Equinox Winter Solstice

On the night of... nitude, suddenly... began from its fir... May it was only of... star of the ninth m... sis that this star ha... it became visible in... Klein, on the other... may have been occ... the most extraordi... of this new-found... really took place b... examination of thi...

want Peace

[1876.]

1876]

Aries, the ram, Head and Face.



Pisces, Feet.

ECLIPSES DURING THE YEAR 1876.

There will be four Eclipses, two of the Sun and two of the Moon.

I.—On the 10th of March, there will be a Partial Eclipse of the Moon. It will begin about midnight of the 9th, and continue for two hours.

II.—On the 25th March, there will be an Annular Eclipse of the Sun. Two and a-half digits will be eclipsed. It will begin 10 minutes past 12, will be central beginning at 20 minutes past 1, and ending at 12 minutes past 4; the Eclipse ends at 22 minutes past 5. Visible at Montreal about 30 minutes past 3 p.m.

III.—On the third of September there will be a Partial Eclipse of the Moon, not visible in these parts.

IV.—On the 17th of September, there will be a Total Eclipse of the Sun, but it will not be visible in Canada.

EQUINOXES AND SOLSTICES.

	d.	h.	m.
Vernal Equinox begins.....	March	20	1 2 mo.
Summer Solstice " .....	June	20	9 23 ev.
Autumnal Equinox " .....	September	22	11 33 mo.
Winter Solstice " .....	December	21	5 46 mo.

THE ADVENT OF A STAR.

On the night of the 12th of May, 1866, a star of between the first and second magnitude, suddenly made its appearance in the constellation Corona Borealis. It began from its first appearance to diminish in brightness, so that on the 16th of May it was only of the fourth magnitude, and at the end of the month it became a star of the ninth magnitude. The astronomer Huygens has advanced the hypothesis that this star had previously existed in the place where it was first seen, and that it became visible in consequence of some internal convulsion. Messrs. Meyer and Klein, on the other hand, have maintained that the sudden blazing out of the star, may have been occasioned by the precipitation of a planet upon a fixed star. But the most extraordinary fact remains to be stated. It took three years for the light of this new-found star to reach us; so that the sudden outblaze mentioned above really took place before the spectrum analysis, to which we are indebted for an examination of this light, had come into the service of astronomers.

It is confined by its Charter, to insure nothing more hazardous than Farm Property and Residences.

want Peace and Happiness in your house.

1st Month. **JANUARY. 31 Days.** Begins on Saturday.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 4	h. m. 10 24 mo.	h. m. 10 18 mo.	h. m. 0 6 mo.	h. m. 9 54 mo.	h. m. 9 46 mo.
Full Moon.....	11	1 23 mo.	1 17 mo.	1 5 mo.	0 53 mo.	0 45 mo.
Last Quarter.....	18	8 49 mo.	3 43 mo.	3 31 mo.	3 19 mo.	3 11 mo.
New Moon.....	26	8 42 mo.	8 36 mo.	8 24 mo.	8 12 mo.	8 4 mo.

Commence the New Year by taking out a Policy in the Accident Insurance Co'y. of Canada.

DAYS.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1 Sat.	7 47	4 21	7 40	4 28	22 58	h. m. 8 35	1	12 08 58	Calendar Aspects, &c. A bright cold day.
2 S.	7 47	4 22	7 40	4 29	22 55	10 40	9	12 07 81	2nd Sunday after Christm's Pleasant but seasonable.
3 Mon.	47	23	40	30	22 48	11 46	18	12 10 48	Morn. Not stormy this day.
4 Tues.	46	24	39	31	22 41	0 56	25	12 12 41	Quite agreeable and still. Epiphany.
5 Wed.	46	25	39	32	22 35	2 9			Soft and mild. Tendency to change.
6 Thu.	46	26	39	33	22 27	3 27			
7 Fri.	45	28	39	34	22 20	4 48			
8 Sat.	45	29	38	35	22 12	6 5			
9 S.	7 44	4 30	7 38	4 36	22 3	7 12			1st Sunday after Epiphany. The weather unreliable.
10 Mon.	44	31	38	37	21 54	8 7			Still very variable with ten- dency to cold and snow.
11 Tues.	43	32	38	38	21 45	7 59			Severe frosty weather; con- tinued severity.
12 Wed.	42	33	37	40	21 35	9 19			Cold and bright.
13 Thu.	42	34	37	41	21 25	10 19			
14 Fri.	40	35	37	42	21 14	11 24			2nd Sunday after Epiphany. Tendency to thaw but of very brief duration.
15 Sat.	40	37	36	43	21 03	0 29			Snowstorm East. Drizzly and damp west. Cloudy and dull. Unpleasant outdoors.
16 S.	7 39	4 33	7 36	4 44	20 52	1 32			
17 Mon.	39	39	35	45	20 40	2 36			
18 Tues.	38	41	35	46	20 28	3 39			
19 Wed.	37	42	34	48	20 15	4 40			
20 Thu.	36	43	33	49	20 02	5 36			3rd Sunday after Epiphany. Snow or cold rain.
21 Fri.	35	45	32	50	19 49	6 25			Conversion of St. Paul. Very cold and windy.
22 Sat.	34	46	31	52	19 35	7 42			Stormy days about now. No change looked for this week.
23 S.	7 33	4 47	7 31	4 53	19 21	8 33			
24 Mon.	32	49	30	54	19 07	9 40			4th Sunday after Epiphany. Month ends quiet and cold.
25 Tues.	32	51	29	56	18 52	10 47			
26 Wed.	32	52	28	57	18 37				
27 Thu.	31	53	28	58	18 22				
28 Fri.	31	54	25	5 00	18 6				
29 Sat.	31	56	25	1	17 50				
30 S.	7 39	4 53	7 25	5 3	17 33				
31 Mon.	29	5 00	24	5	17 17				

JANUARY.—Agricultural readers of the daily press will have noticed a discussion respecting great and shameful frauds charged against pedlars and dealers in various kinds of fruit trees. Rare and hitherto unknown specimens of pears, plums and apples have been ostentatiously and vigorously advertised and personally canvassed for. We mention it here, not to recommend one thing rather than another, but to suggest to all needing fruit trees, or who propose to lay out orchards, that they should deal only with well-known, trustworthy and experienced houses. Of these there are many, and with a little care and enquiry, there is not much danger of the farmer becoming the victim of pretension and humbug.

The Canada Agricultural Insurance Company, pays for Live Stock killed by Lightning in the buildings or any where on the premises, if insured.

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Subscriber Dominion.

Saturday.

MEMORANDUM.

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Canadians perform a patriotic duty, in sustaining Home Companies.

Subscribe for the Montreal GAZETTE, the best paper in the Dominion.

2nd Month. **FEBRUARY, 29 Days.** Begins on Tuesday.

Moon's Phases.	Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D 2	h. m. 8 53 ev.	h. m. 8 47 ev.	h. m. 8 35 ev.	h. m. 8 23 ev.
Full Moon.....	9	0 47 ev.	0 41 ev.	0 29 ev.	0 17 ev.
Last Quarter.....	16	11 56 ev.	11 50 ev.	11 38 ev.	11 26 ev.
New Moon.....	25	1 29 mo.	1 14 mo.	1 2 mo.	0 50 mo.

The "CANADA AGRICULTURAL INSURANCE CO." is Truly a Farmer's Company.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1	Tues.	7 28	5 01	7 23	5 5	17 15	11 57	1	12 13	54
2	Wed.	27	1	22	6	17 17	6	9	12 14	28
3	Thu.	26	2	21	7	16 42	Morn.	18	12 14	09
4	Fri.	25	3	20	8	16 25	1 12	25	12 13	15
5	Sat.	23	5	19	9	16 07	2 29			
6	S.	7 22	5 6	7 17	5 11		3 45			
7	Mon.	20	8	16	12	15 49	4 55			
8	Tues.	19	9	15	13	15 30	5 53			
9	Wed.	18	11	14	15	15 11	6 49			
10	Thu.	17	13	13	17	14 52	7 15			
11	Fri.	16	14	12	18	14 33	Rises.			
12	Sat.	14	16	11	19	14 14	7 57			
13	S.	7 13	5 17	7 9	5 20	13 54	9 5			
14	Mon.	11	18	7	22	13 34	10 12			
15	Tues.	9	19	6	23	13 14	11 18			
16	Wed.	8	20	4	24	12 53	Morn.			
17	Thu.	6	22	2	26	12 33	0 25			
18	Fri.	4	24	1	27	12 12	1 27			
19	Sat.	3	25	6 59	29	11 51	2 30			
20	S.	7 01	5 27	6 58	5 30	11 30	2 28			
21	Mon.	7 09	5 23	6 57	5 31	11 4	4 20			
22	Tues.	6 59	30	6 55	33	10 47	5 5			
23	Wed.	57	31	54	34	10 25	5 41			
24	Thu.	55	33	52	35	10 04	6 12			
25	Fri.	53	34	50	37	9 42	6 30			
26	Sat.	51	35	48	38	8 57	7 2			
27	S.	6 49	5 37	6 47	5 39	8 35	Sets.			
28	Mon.	47	39	45	41	8 12	8 39			
29	Tues.	46	39	43	42	7 50	9 49			

**Calendar, Aspects, &c.**  
 Month opens with severity.  
 Purification of Virgin Mary  
 Scmewhat moderated.  
 Very blustry and cold.  
 Winds and storms.  
 5th Sunday after Epiphany.  
 More steady but cold.  
 Considerable falls of snow  
 with wind.  
 Changeable, but still remains  
 cold.  
 Very sharp frost.  
 Septuagesima Sunday.  
**ST. VALENTINE'S DAY,**  
 Busy at the Post Office.  
 The weather unpleasant,  
 Remains severely cold.  
 A violent tempest on the  
 Atlantic coast.  
 Sexagesima Sunday.  
 Calm, cold and snow.  
 Cloudy and cold for several  
 days.  
**ST. MATTHIAS.**  
 The tendencies are for more  
 snow and wind.  
 Quinquagesima Sunday.  
 Thermometer at zero.  
**SHROVE TUESDAY.**

FEBRUARY.—Respecting what was said in the foot note for January, it may be added that Horticultural Societies have done much in this country to prevent imposition. The exhibitions of fruits of many different kinds, have assisted in proper classifications and definitions. They have raised the standard of culture and awakened a spirit of research. Fruit not true to its name is removed from the list, or disqualified for prize. At the present time it is much more certain than formerly that in a well established nursery you may rely on purchasing trees true to the description, and to the buyer's taste and wishes. Canada has advanced in this as in many other things. Our horticultural exhibitions are becoming the envy of our older neighbours.

Don't fail to secure a C. W. WILLIAMS' Singer Sewing Machine, it is the best.

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INSURE IN THIS COMPANY, AND KNOW WHAT YOUR INSURANCE COSTS YOU.

Provide against accidents that may occur to the most careful, by taking out a Policy in the "ACCIDENT."

3rd Month.

MARCH, 31 Days. Begins on Wednesday

The "CANADA AGRICULTURAL" is the largest Farmers' Insurance Company in Canada.

Moon's Phases.		Quebec.		Montreal.	Kingston.	Toronto.	London.
	D.	h.	m.	h.	m.	h.	m.
First Quarter.....	3	4	48 mo.	4	42 mo.	4	30 mo.
Full Moon.....	10	1	12 mo.	1	6 mo.	0	4 18 mo.
Last Quarter.....	17	8	24 ev.	8	18 ev.	8	0 42 mo.
New Moon.....	25	3	12 ev.	3	6 ev.	2	7 54 ev.

DAYS.	M	Week.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			
			Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			n.	h.	m.	s.
			h. m.	h. m.	h. m.	h. m.	South.	R. & S.	9	12	12	30
			h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	18	12	8	8
									25	12	6	1

Calendar, Aspects, &c.
1 Wed. 6 44 5 42 6 42 5 44 7 27 0 19
2 Thu. 42 43 41 45 7 4 1 34
3 Fri. 40 44 39 46 6 41 2 45
4 Sat. 39 45 37 47 6 18 3 46
5 S. 6 37 5 47 6 35 5 49 5 55 4 21
6 Mon. 36 48 34 49 5 31 5 14
7 Tues. 34 49 32 50 5 8 5 44
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9 Thu. 29 53 29 53 4 21 6 32
10 Fri. 27 54 27 55 3 58
11 Sat. 25 55 25 56 3 31
12 S. 6 24 5 56 6 23 5 57 3 11 8 57
13 Mon. 22 58 22 58 2 47 10 7
14 Tues. 20 59 20 59 2 23 11 12
15 Wed. 18 6 1 18 6 1 2 00
16 Thu. 16 2 16 2 1 36
17 Fri. 14 3 15 3 1 12
18 Sat. 12 4 12 4 0 49
19 S. 6 10 6 6 6 10 6 6 0 25 3 0
20 Mon. 9 9 9 9 0 8 3 38
21 Tues. 7 8 7 8 0 21 4 13
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23 Thu. 3 11 3 11 1 09 5 4
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26 S. 5 57 6 15 5 58 6 14 2 22 7 35
27 Mon. 55 16 56 16 2 48 7 49
28 Tues. 53 17 54 15 3 06 10 6
29 Wed. 52 18 53 17 3 30 11 23
30 Thu. 50 20 51 19 3 53
31 Fri. 47 21 49 20 4 16 0 38

MARCH.—After so many years of experiment it may seem strange that there would yet be a doubt as to the best soil for growing potatoes. For years the largest portion of potatoes designed for the market was grown on sandy soil. The City housekeeper rejected such as were produced on heavy lands. It is now known that these same lands have produced the very best and driest of potatoes. There is a quality called the peerless which, grown on sand, is poor and watery, but on a rich loam becomes large and mealy. For Early Rose the soil cannot well be too rich. The Peach Blow and Late Rose may be too heavily manured. Experience demonstrates that naturally or artificially drained heavy loams is the very best soil for potatoes.

Buy a C. W. WILLIAMS' SINGER SEWING MACHINE.

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No Farmer  
It is only \$1  
specimen cop

is on Wednesday

# MEMORANDUM.

Toronto.	London.
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7 54 ev.	7 46 ev.
2 42 ev.	2 34 ev.

on Meridian.

h.	m.	s.
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12	10	39
12	8	8
12	6	1

**Aspects, &c.**  
**WEDNESDAY.**  
**S. DAVID'S DAY**  
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The "CANADA AGRICULTURAL" makes no Assessments on Policy Holders.

No Farmer should be without the **MONTREAL WEEKLY GAZETTE.**  
 It is only **\$1.50** a year, with a beautiful Premium Chromo. Send for a  
 specimen copy.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
First Quarter.....	D. 1	h. m. 11 12 mo.	h. m. 11 6 mo.	h. m. 10 54 mo.	h. m. 10 42 mo.	h. m. 10 34 mo.
Full Moon.....	8	2 39 ev.	2 33 ev.	2 21 ev.	2 9 ev.	2 1 ev.
Last Quarter.....	16	3 37 ev.	3 31 ev.	3 19 ev.	3 7 ev.	2 59 ev.
New Moon.....	24	2 3 mo.	1 57 mo.	1 45 mo.	1 33 mo.	1 25 mo.
First Quarter.....	30	5 27 ev.	5 21 ev.	5 9 ev.	4 57 ev.	4 49 ev.

DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1 Sat.	5 46	6 22	5 47	6 21	Deg. Min. 4 39	h. m. 1 30	1	12 03 52	
2 S.	5 44	6 23	5 46	6 22	5 03	2 34	9	12 00 31	
3 Mon.	42	24	44	23	5 25	3 15	18	11 59 15	
4 Tues.	41	25	44	23	5 48	3 47	25	11 57 50	
5 Wed.	39	27	40	26	6 11	4 13			
6 Thur.	37	29	38	27	6 34	4 36			
7 Fri.	35	30	36	28	6 56	4 57			
8 Sat.	33	31	35	29	7 19	Rises.			
9 S.	5 32	6 32	5 33	6 31	7 41	7 49			
10 Mon.	30	33	31	32	8 03	8 57			
11 Tues.	28	31	30	33	8 25	10 2			
12 Wed.	26	36	28	34	8 47	11 4			
13 Thur.	24	37	26	35	9 09	Morn.			
14 Fri.	22	38	24	36	9 31	0 3			
15 Sat.	20	40	23	37	9 52	0 52			
16 S.	5 18	6 42	5 21	6 39	10 14	1 45			
17 Mon.	17	43	19	40	10 35	2 10			
18 Tues.	15	44	17	41	10 56	2 40			
19 Wed.	13	45	16	41	11 16	3 4			
20 Thur.	11	47	14	42	11 37	3 27			
21 Fri.	10	48	13	44	11 57	3 49			
22 Sat.	8	49	11	45	12 18	4 11			
23 S.	5 6	6 50	5 9	6 46	12 38	4 34			
24 Mon.	5	51	8	47	12 57	Sets.			
25 Tues.	3	53	7	48	13 17	9 4			
26 Wed.	2	54	5	49	13 36	10 23			
27 Thur.	5 00	56	4	51	13 56	11 33			
28 Fri.	4 58	57	2	52	14 14	Morn.			
29 Sat.	56	58	5 00	53	14 33	0 30			
30 S.	4 55	6 59	5 00	6 54	14 52	1 16			

ACCIDENT INSURANCE is as much a duty as Life or Fire Insurance.

**Calendar, Aspects, &c.**  
**ALL FOOLS' DAY**, so called.  
**5th Sunday in Lent.**  
 There has been considerable thaw and some rains; but there were very frosty nights. A real change, with spring-like temperature. Cool—clear—fine.  
**PALM SUNDAY.**  
 Variable season.  
 Cold rains in Ontario.  
 Snow fell East, and there is chilly wind.  
**GOOD FRIDAY.**  
*Easter Eve.*  
**EASTER DAY.**  
*Easter Monday.*  
*Easter Tuesday.*  
 A very pleasant and quite warm week.  
 Prospect of weather welcomed by farmers.  
**1st Sunday after Easter.**  
**23rd. ST. GEORGE'S DAY.**  
 Cold and windy.  
**25th. ST. MARK'S DAY.**  
 Unsettled, but on the whole quite seasonable.  
**2nd Sunday after Easter.**

APRIL.—For the repair of lands "run out" and almost valueless, there is one resource not much resorted to. But it would pay, and is not that the grave question of to-day? We have often recommended subsoil ploughing, but experiment has shown that subsoils for several feet lower than the plough can reach, may be thrown up. They are as likely as upper soils to possess the elements of fertility, and have not suffered from over cropping. Let these heaps of subsoil be exposed to the action of the elements for a year or two. The sun, air, frost and rains will do their work honestly. Let the farmer do his part, and by spreading this earth manure over his fields, he will be rewarded by reaping plenteously.

Live Men wanted to sell the Williams' Singer Sewing Machine.

The Canad by lightning

begins on Saturday

MEMORANDUM.

Toronto.	London.
h. m.	h. m.
10 42 mo.	10 34 mo.
2 9 ev.	2 1 ev.
3 7 ev.	2 59 ev.
1 33 mo.	1 25 mo.
4 57 ev.	4 49 ev.

on Meridian.

h.	m.	s.
12	03	52
12	00	31
11	59	15
11	57	50

ar, Aspects, &c.  
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The "GAZETTE" is one of the best appointed Job Offices in Canada.

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The Canada Agricultural Insurance Company, pays for Live Stock killed by lightning in the buildings or any where on the premises, if insured.

5th Month.

31 Days.

Begins on Monday.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon.....	D. 8	h. m. 4 53 mo.	h. m. 4 47 mo.	h. m. 4 35 mo.	h. m. 4 23 mo.	h. m. 4 15 mo.
Last Quarter.....	16	8 27 mo.	8 21 mo.	8 9 mo.	7 57 mo.	7 49 mo.
New Moon.....	23	10 25 mo.	10 19 mo.	10 7 mo.	9 55 mo.	9 47 mo.
First Quarter.....	30	0 48 mo.	0 42 mo.	0 30 mo.	0 18 mo.	0 10 mo.

Time is money, insure against loss of time by taking a Policy in the "ACCIDENT."

DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.					
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m.	s.		
1 Mon.	4 54	7 00	4 58	6 56	15 10	h. m.	1	50	Calendar, Aspects, &c.			
2 Tues.	53	1	57	57	15 28	4 9	17	50	St. Philip and St. James.			
3 Wed.	51	3	55	59	15 45	8 53	2	17	Month opens mild.			
4 Thur.	50	4	54	7 00	16 03	9 53	3	40	Warm rains about now.			
5 Fri.	49	5	53	1	16 20	10 40	3	3	Some frost at nights.			
6 Sat.	47	7	51	2	16 37	11 31	3	22	Cheerful temperature.			
7 S.	4 45	7 8	4 49	7 3	16 53	Morn.	3	44	Remarkably pleasant.			
8 Mon.	43	9	48	7 3	17 10	0 9	4	9	Brd Sunday after Easter.			
9 Tues.	42	10	47	5	17 26	0 40	8	53	Very changeable and unsettled for some days.			
10 Wed.	41	11	46	6	17 42	1 29	9	53	The outlook to-day is of a more stable character.			
11 Thur.	40	12	45	6	17 57	2 11	10	40	Nothing to dread, but prepare for spring work.			
12 Fri.	39	13	44	8	18 12	2 33	11	31	4th Sunday after Easter.			
13 Sat.	37	15	42	10	18 27	3 29	1	8	The weather is becoming warm, with rain.			
14 S.	4 36	7 16	4 42	7 11	18 42	4 15	1	29	A wind storm, and it will probably be accompanied with Thunder and Lightning.			
15 Mon.	35	17	40	12	18 56	5 9	2	59	Rogation Sunday.			
16 Tues.	34	18	39	13	19 10	6 29	3	29	Fine and useful rains.			
17 Wed.	33	19	38	13	19 23	7 15	9	15	Quite cold nights.			
18 Thur.	32	20	37	14	19 37	8 00	10	20	Changeable, very.			
19 Fri.	31	21	36	15	19 50	8 45	11	11	ASCENSION DAY.			
20 Sat.	30	22	35	17	20 02	9 30	11	50	The week ends with warmth and rain.			
21 S.	4 29	7 23	4 34	7 18	20 15	10 21	0	21	Sunday after Ascension.			
22 Mon.	28	24	33	19	20 26	11 8	0	45	Look for some winds.			
23 Tues.	27	25	32	20	20 35	11 50	1	8	Not settled to-day.			
24 Wed.	27	27	32	21	20 49				Warm and agreeable.			
25 Thur.	26	28	31	22	21 00							
26 Fri.	25	29	31	23	21 11							
27 Sat.	24	30	30	24	21 21							
28 S.	4 23	7 31	4 29	7 25	21 30							
29 Mon.	22	32	28	26	21 40							
30 Tues.	21	33	28	26	21 49							
31 Wed.	20	34	27	27	21 57							

MAY.—As the spring opens, a piece of advice respecting the health may not be considered out of place. Too much attention cannot be given to the sanitary condition of a farmstead. As the snow and ice disappear you will find about your yards or premises a good deal of debris and half decayed matter. Perhaps foul surface water will run into the well. Barn-yards and cesspools may overflow and saturate the earth. Barn-rays become powerful, the exhalations become injurious. Foul air is generated and this becomes the cause of low fevers and typhoid. Clean up the cellar, remove all decaying vegetable matter, use all diligence to extirpate the many dangerous adversaries of life and health, in a word, be cleanly, and use plenty of good cold water.

The Williams' Singer Sewing Machines never get out of order, if kept clean.

Farmers and Canada Agricult

...ins on Monday.

# MEMORANDUM.

Toronto.	London.
m.	h. m.
23 mo.	4 15 mo.
57 mo.	7 49 mo.
55 mo.	9 47 mo.
18 mo.	0 10 mo.

Meridian.		
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11	56	11
11	56	40

### Aspects, &c.

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The Weekly "GAZETTE" has a special Department devoted to Agriculture.

Farmers and others will consult their own interests by insuring in the Canada Agricultural. For further information please call on our Agents.

6th Month.

**JUNE, 30 Days.** Begins on Thursday

WILLIAMS' SINGER SEWING MACHINES are made from the best material, and will last a life time.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon.....	D. 6	h. m. 7 37 ev.	h. m. 7 31 ev.	h. m. 7 19 ev.	h. m. 7 7 ev.	h. m. 6 59 ev.
Last Quarter.....	14	10 14 ev.	10 8 ev.	9 56 ev.	9 44 ev.	9 36 ev.
New Moon.....	21	5 17 ev.	5 11 ev.	4 59 ev.	4 47 ev.	4 39 ev.
First Quarter.....	28	10 14 mo.	10 8 mo.	9 56 mo.	9 44 mo.	9 36 mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h. m.	s.
1	4 20	7 34	4 27	7 28	22 06	1 29	1	11 57	32
2	20	36	27	29	22 14	1 49	9	11 58	55
3	19	37	26	30	22 21	2 11	18	12 00	48
4	19	37	26	30	22 21	2 11	25	12 02	18

M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Deg. Min.	h. m.	Calendar, Aspects, &c.		
								D.	h. m.	s.
1	Thur.	4 20	7 34	4 27	7 28	22 06	1 29	June opens with prospects of pleasant weather, quite warm and some showers.		
2	Fri.	20	36	27	29	22 14	1 49	WHITSUNDAY.		
3	Sat.	19	37	26	30	22 21	2 11	Expect thunder and then showers but no steady rain just now.		
4	S.	4 19	7 37	4 26	7 31	22 28	2 37	Changeable aspects, a beautiful fine day.		
5	Mon.	18	38	25	31	22 35	3 6	So is this day fine.		
6	Tues.	18	38	25	31	22 41	3 6	TRINITY SUNDAY.		
7	Wed.	17	39	24	32	22 47	3 6	11th St. Barnabas.		
8	Thur.	17	40	24	32	22 52	8 41	The middle of this month will be very warm.		
9	Fri.	17	41	24	33	22 58	9 28	CORPUS CHRISTI.		
10	Sat.	17	41	24	34	23 02	10 9	To-day very fine.		
11	S.	4 17	7 42	4 24	7 34	23 07	10 41	St. Albans.		
12	Mon.	16	42	24	35	23 10	11 9	1st Sunday after Trinity.		
13	Tues.	16	43	24	36	23 14	11 39	Look for change.		
14	Wed.	16	43	24	36	23 17	11 54	There will be thunder.		
15	Thur.	16	44	23	37	23 20	0 14	Some violent winds about now, and very chilly these nights.		
16	Fri.	16	44	23	37	23 22	0 35	St. John the Baptist.		
17	Sat.	16	44	23	37	23 24	0 58	2nd Sunday after Trinity.		
18	S.	4 16	7 45	4 23	7 38	23 25	1 29	Quite warm and for three days pleasant and on the whole calm.		
19	Mon.	16	46	23	39	23 26	1 57	St. PETER'S DAY.		
20	Tues.	16	46	23	39	23 27	2 40	Month ends with heat.		
21	Wed.	16	46	23	39	23 27	2 40			
22	Thur.	16	47	23	39	23 27	2 40			
23	Fri.	17	47	24	40	23 26	8 59			
24	Sat.	17	47	24	40	23 25	9 45			
25	S.	4 18	7 47	4 25	7 40	23 24	10 19			
26	Mon.	18	47	25	39	23 24	10 47			
27	Tues.	18	47	25	39	23 22	11 11			
28	Wed.	19	46	26	39	23 19	11 33			
29	Thur.	19	46	26	39	23 17	11 53			
30	Fri.	20	46	27	39	23 14	12 16			

JUNE.—Indian corn is not so much cultivated now as it was in former years. Many have failed to raise good crops and have been discouraged. A farmer tells us that to raise a good crop he ploughs sod ground in the fall of the year, and during the winter covers it with manure from the stable. During the spring, before it becomes dry, the ground is well harrowed, so as to mix the earth and manure. After cross dragging and marking out, the rows north and south are made three feet six apart, and the other way three feet, using plenty of seed, five or eight kernels. As soon as the corn is up, a mixture of gypsum and ashes is used. At the proper time it is thinned and hoed. Frequent stirring will keep down the weeds, and it is best to restrict the hoeing.

Among other arrangements for the summer trip, secure a Policy in the ACCIDENT.

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Subscribe for

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# MEMORANDUM.

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9	44	9	36

on Meridian.

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F. H. GORR, Montreal, is Managing Director of the Canada Agricultural Insurance Company.

Subscribe for the Montreal Gazette, best Paper in the Dominion.

7th Month.

**JULY. 31 Days.**

Begins on Saturday.

Moon's Phases.	Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h. m.								
Full Moon.....	6	10 38 mo.	10 32 mo.	10 20 mo.	10 38 mo.	10 8 mo.	10 00 mo.	10 00 mo.	10 00 mo.	10 00 mo.
Last Quarter.....	14	8 46 mo.	8 40 mo.	8 38 mo.	8 35 mo.	8 26 mo.	8 18 mo.	8 18 mo.	8 18 mo.	8 18 mo.
New Moon.....	20	11 53 ev.	11 47 ev.	11 47 ev.	11 35 ev.	11 28 ev.	11 15 ev.	11 15 ev.	11 15 ev.	11 15 ev.
First Quarter.....	27	10 9 ev.	10 3 ev.	10 3 ev.	9 51 ev.	9 39 ev.	9 31 ev.	9 31 ev.	9 31 ev.	9 31 ev.

DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			
	M. Week.	Sun Rises.	Sun Sets.	Sun Rises.			Sun Sets.	D.	h. m.	s.
		h. m.	h. m.	h. m.			h. m.			
1 Sat.	4 20	7 46	4 27	7 39	Deg. Min. 23 6	h. m. 0 41	1 9	12 3 31		
2 S.	4 21	7 46	4 28	7 39	23 6	0 41	1 9	12 3 31		
3 Mon.	4 22	7 46	4 29	7 39	23 6	1 9	1 42	12 4 53		
4 Tues.	23 23	45 46	30 33	33 22	22 52	2 22	2 22	12 5 55		
5 Wed.	23 23	45 46	30 33	33 22	22 52	3 10	3 10	12 6 13		
6 Thur.	24 24	44 44	31 31	33 22	22 40	8 43	8 43	12 6 13		
7 Fri.	25 25	44 44	31 31	33 22	22 34	9 12	9 12	12 6 13		
8 Sat.	26 26	44 44	32 32	33 22	22 27	9 37	9 37	12 6 13		
9 S.	4 26	7 44	4 33	7 33	22 20	9 37	9 37	12 6 13		
10 Mon.	27 27	42 42	31 31	37 22	18 9	9 37	9 37	12 6 13		
11 Tues.	27 27	42 42	31 31	37 22	18 9	9 37	9 37	12 6 13		
12 Wed.	28 28	42 42	34 34	36 22	05 10	10 19	10 19	12 6 13		
13 Thur.	28 28	42 42	34 34	36 22	05 10	10 33	10 33	12 6 13		
14 Fri.	29 29	41 41	35 35	36 21	57 11	11 0	11 0	12 6 13		
15 Sat.	30 30	41 41	35 35	36 21	48 11	11 24	11 24	12 6 13		
16 S.	31 31	41 41	37 37	35 21	39 11	11 52	11 52	12 6 13		
17 Mon.	4 31	7 40	4 38	7 34	21 20	11 52	11 52	12 6 13		
18 Tues.	32 32	39 39	39 34	34 21	20 0	Morn. 0 29	0 29	12 6 13		
19 Wed.	33 33	38 38	40 34	34 21	10 0	0 17	0 17	12 6 13		
20 Thur.	34 34	37 37	41 33	33 20	59 0	2 19	2 19	12 6 13		
21 Fri.	35 35	36 36	42 31	32 20	49 0	7 37	7 37	12 6 13		
22 Sat.	35 35	35 35	43 29	30 20	26 0	8 14	8 14	12 6 13		
23 S.	37 37	34 34	43 29	29 20	14 0	8 14	8 14	12 6 13		
24 Mon.	4 38	7 33	4 44	7 29	20 02	8 46	8 46	12 6 13		
25 Tues.	39 39	32 32	46 23	23 19	19 8	9 13	9 13	12 6 13		
26 Wed.	40 40	31 31	46 27	19 19	37 9	9 34	9 34	12 6 13		
27 Thur.	41 41	30 30	46 27	19 19	37 9	9 58	9 58	12 6 13		
28 Fri.	42 42	30 30	47 26	19 23	26 9	10 19	10 19	12 6 13		
29 Sat.	42 42	29 29	48 25	19 10	10 10	10 19	10 19	12 6 13		
30 S.	44 44	27 27	50 23	18 56	42 10	10 42	10 42	12 6 13		
31 Mon.	4 45	7 26	4 51	7 22	18 11	11 19	11 19	12 6 13		
	46	25 52	21 18	27 18	18 11	11 42	11 42	12 6 13		

**Calendar, Aspects, &c.**  
 Opens with mildness.  
 3rd Sunday after Trinity.  
 The heat not severe.  
 Fine grass crops growing.  
 Pleasant and warm.  
 Thunder and Lightening.  
 Heavy rain storm west.  
 Agreeable generally.  
 4th Sunday after Trinity.  
 Unsettled and dull.  
 Very changeable.  
 Sultry and cloudy.  
 Another thunderstorm.  
 settled to heat.  
 St. Swithin. Cloudy.  
 5th Sunday after Trinity.  
 This week may be predicted  
 as likely to be moderately  
 warm, tending to excess  
 of heat, ending with wind,  
 rain and lightning.  
 6th Sunday after Trinity.  
 very pleasant day.  
 St. James' Day.  
 Warm and dry.  
 Heat and sultriness.  
 Refreshing wind to-day.  
 Changeable.  
 7th Sunday after Trinity.  
 Month ends with heat.

**JULY.**—The Colorado Bug troubled the potatoe cultivator last year, and it is feared the same troubler will continue its depredations this year. It multiplies at the rate of 60,000,000 a year. We are not sorry that Paris green has lost its popularity, for, although it may be effectual, it is certainly dangerous; another and safer remedy has been found: Mix equal quantities of lime and sulphur in water, in the proportion of one pound of each to four gallons of water. This is simple and easy to be obtained. We recommend a trial of it, and let the result be made known through the press. If it should prove successful much good will be gained; if not the soil will not be injured in any-way.

Send to T. & R. WHITE, Montreal, for a Specimen Copy of Weekly "Gazette," \$1.50 a year.

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MEMORANDUM.

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An Accident Policy costs little, and is just as important to have as a Fire Policy.

The "Canada Agricultural" is confined by its charter to insure nothing more hazardous than Farm Property and Residences.

8th Month.

**AUGUST, 31 Days.**

Begins on Tuesday.

The "GAZETTE" Printing House is one of the most complete in Montreal.

Moon's Phases.		Quebec.		Montreal.	Kingston.	Toronto.	London.
	D.	h. m.		h. m.	h. m.	h. m.	h. m.
Full Moon.....	5	1 38 mo.		1 32 mo.	1 20 mo.	1 8 mo.	1 00 mo.
Last Quarter.....	12	4 49 ev.		4 43 ev.	4 31 ev.	4 29 ev.	4 21 ev.
New Moon.....	19	7 27 mo.		7 21 mo.	7 9 mo.	6 57 mo.	6 48 mo.
First Quarter.....	26	1 18 ev.		1 12 ev.	1 00 ev.	0 48 ev.	0 40 ev.

DAYS.	M. Week.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h. m.	s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	Tues.	4 48	7 24	4 54	7 18	17 58	1 6	1	12	6 2
2	Wed.	50	22	55	17	17 42	1 58	9	12	5 14
3	Thur.	51	21	56	16	17 27	2 58	18	12	3 36
4	Fri.	52	20	57	15	17 11	4 1	25	12	1 52
5	Sat.	53	19	58	14	16 55	Rises.			
6	S.	4 55	7 17	4 59	7 13	16 38	8 5			
7	Mo.	56	16	5 00	12	16 21	8 28			
8	Tues.	57	14	1	10	16 4	8 44			
9	Wed.	58	12	2	8	15 47	9 5			
10	Thur.	59	11	3	7	15 30	9 27			
11	Fri.	5 1	9	4	5	15 12	9 53			
12	Sat.	2	8	5	4	14 54	10 26			
13	S.	5 3	7 7		7 3	14 36	11 8			
14	Mon.	3	5	5 7	1	14 17	Morn.			
15	Tues.	5	3	6 59	8	13 59	0 2			
16	Wed.	6	2	9	6 59	13 40	1 9			
17	Thur.	7	1	10	57	13 20	2 27			
18	Fri.	8	6 59	11	56	13 1	3 49			
19	Sat.	9	57	12	54	12 42	Sets.			
20	S.	5 11	6 55		6 52	12 22	7 35			
21	Mon.	12	54	5 14	50	12 2	7 58			
22	Tues.	13	52	16	49	11 42	8 20			
23	Wed.	14	50	17	47	11 21	8 44			
24	Thur.	16	48	18	46	11 1	9 9			
25	Fri.	18	46	19	44	10 40	9 30			
26	Sat.	19	45	20	43	10 19	10 16			
27	S.	5 29	6 43		6 40	9 53	11 0			
28	Mon.	21	41	5 22	38	9 37	11 51			
29	Tues.	22	40	24	37	9 16	Morn.			
30	Wed.	23	38	25	36	8 54	0 48			
31	Thur.	24	36	26	34	8 33	1 50			

**Calendar, Aspects &c.**  
 Month opens hot and dry, and this whole week is of the like character, with occasional thunder, with blustering winds.  
 8th Sunday after Trinity. Very warm day.  
 Dry and sultry.  
 Changeable.  
 Threatens violent rains, but takes up, for the wind has changed.  
 9th Sunday after Trinity. Sultry dry weather.  
 All serene without.  
 Calm and warm.  
 Very pleasant day.  
 Cloudy afternoon.  
 Very cool evenings.  
 10th Sunday after Trinity. Changeable.  
 Distant thunder, which breaks out north-east.  
 ST. BARTHOLOMEW'S DAY.  
 Changeable.  
 Calm day and cool.  
 11th Sunday after Trinity. Exceedingly pleasant.  
 Agreeable weather.  
 The month ends with calm settled weather.

**AGUST.**—The shortness of our working or spring season too frequently causes neglect of the vegetable garden, and in the hurry of the season, what is done is too often done carelessly. Then the blame of a poor crop is thrown on something, but in reality nature does her work faithfully. Clean up your garden in the fall, cover it with good rich manure, or let it be applied early, so that the rains may carry the liquid parts into the soil. One ploughing is not sufficient; harrow and cross plough; then harrow again before sowing and planting. In this way a good distribution of manure is secured, and the land becomes properly pulverized. Keep down the weeds, and every farmer may then know that a vegetable garden pays well.

You can secure comfort in your family by buying a C. W. Williams' Singer Sewing Machine.

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Every Prudent man should have an Accident Policy.

The "Canada Agricultural" does not insure Business Risks.

8th Month. **SEPTEMBER, 30 Days.** Begin on Friday

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
Full Moon .....	D. 8	h. m. 4 13 ev.	h. m. 4 7 ev.	h. m. 8 55 ev.	h. m. 8 48 ev.	h. m. 3 35 ev.
Last Quarter .....	10	11 21 ev.	11 15 ev.	11 8 ev.	10 51 ev.	10 43 ev.
New Moon .....	17	4 54 ev.	4 48 ev.	4 36 ev.	4 24 ev.	4 13 ev.
First Quarter .....	25	7 7 mo.	7 1 mo.	6 49 mo.	6 37 mo.	6 29 mo.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
1	Fri.	5 26	6 34	5 28	6 32	8 11	2 55	1	11 59	53
2	Sat.	28	32	30	29	7 49	3 59	9	11 57	15
3	S.	5 29	6 30	5 30	6 28	7 27	Rises.	18	11 54	5
4	Mon.	30	23	32	26	7 05	6 50	25	11 51	39
5	Tues.	31	27	32	25	6 43	6 50	25	11 51	39
6	Wed.	32	24	34	23	6 20	7 33	25	11 51	39
7	Thur.	33	23	35	21	5 58	7 58	25	11 51	39
8	Fri.	35	21	36	20	5 35	8 23	25	11 51	39
9	Sat.	36	19	37	18	5 13	8 23	25	11 51	39
10	S.	5 37	6 17	5 38	6 16	4 50	9 54	25	11 51	39
11	Mon.	39	16	39	15	4 27	10 56	25	11 51	39
12	Tues.	39	14	40	13	4 04	10 56	25	11 51	39
13	Wed.	40	12	41	11	3 41	0 06	25	11 51	39
14	Thur.	42	10	43	9	3 18	1 25	25	11 51	39
15	Fri.	43	7	43	7	2 55	2 45	25	11 51	39
16	Sat.	44	6	45	5	2 33	4 1	25	11 51	39
17	S.	5 45	6 4	5 46	6 3	2 09	Sets.	25	11 51	39
18	Mon.	46	2	47	1	1 45	6 20	25	11 51	39
19	Tues.	48	6 00	48	6 00	1 22	6 44	25	11 51	39
20	Wed.	49	5 57	49	5 57	0 59	7 9	25	11 51	39
21	Thur.	50	58	50	56	0 35	7 37	25	11 51	39
22	Fri.	51	54	51	54	0 12	8 18	25	11 51	39
23	Sat.	52	52	52	52	8 11	8 52	25	11 51	39
24	S.	5 54	5 50	5 53	5 50	0 34	9 42	25	11 51	39
25	Mon.	56	48	54	49	0 57	10 36	25	11 51	39
26	Tues.	56	46	55	47	1 21	11 33	25	11 51	39
27	Wed.	57	45	57	45	1 44	Morn.	25	11 51	39
28	Thur.	59	43	59	43	2 07	0 41	25	11 51	39
29	Fri.	6 00	40	6 00	40	2 31	1 45	25	11 51	39
30	Sat.	2	38	1	29	2 54	10 9	25	11 51	39

Buy a WILLIAMS' Singer.—Heal Office, Montreal.

**Calendar, Aspects, &c.**  
 Some high winds with moderated temperature.  
 12th Sunday after Trinity  
 Harvesting completed by reason of very favorable weather throughout the whole western country Very comfortable day. Cloudy and dry.  
 13th Sunday after Trinity  
 Very pleasant day. Morn. Cool and dry. Exceedingly pleasant. Rather dull but dry. Prospect of rain. Heavy clouds and windy.  
 14th Sunday after Trinity  
 All around bright. Pleasantly cool. Frost this evening. St. Matthew. Vines endangered, but the wind changes.  
 15th Sunday after Trinity  
 Exceedingly cool for the season, but yet there is no ground of complaint St. Michael and all Angels. for the month ends very finely.

SEPTEMBER.—Need we say anything to the dairyman on the wisdom of using good judgment and the greatest of care in the selection of good cows. It may be safely said that the butter of poor cows costs twice as much as that of good ones. A poor cow ought never to be allowed a place in the dairy, but it must be remembered that a very good cow may be made unprofitable. Careless milking, harsh treatment, worrying and exposure to severe storms, or extremes of heat and cold, abate the flow of milk and occasion much loss. After selecting the best animals for dairy purposes, let them have comfort, quietness, and plenty of good food. In this last item let there be no negligence, and, combined with the other, the intelligent dairyman will not be plagued with loss of milk. Give plenty and have plenty.

There are over a dozen Steam Presses working in the MONTREAL GAZETTE PRINTING HOUSE.

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The Canada Live Stock ki where on the

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MEMORANDUM.

Toronto.	London.
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48 ev.	3 35 ev.
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54 ev.	4 13 ev.
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few men can afford to be without an Accident Policy.

The Canada Agricultural Insurance Company, pays for Live Stock killed by lightning in the buildings or any where on the premises, if insured.

The Gazette is the only Office in Canada having the Machines for Railway & Steamboat Coupon & Local Tickets.

Moon's Phases.		Quebec.	Montreal.	Kingston.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	8	5 56 mo.	5 50 mo.	5 38 mo.	5 56 mo.	5 18 mo.
Last Quarter.....	10	5 20 mo.	5 14 mo.	5 2 mo.	4 50 mo.	4 42 mo.
New Moon.....	17	4 49 mo.	4 43 mo.	4 31 mo.	4 19 mo.	4 11 mo.
First Quarter.....	25	2 54 mo.	2 48 mo.	2 36 mo.	2 24 mo.	2 16 mo.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m. s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	S.	6 3	5 37	6 2	5 38	3 18	3 54			
2	Mon.	4	35	3	36	3 41	5 0			
3	Tues.	5	33	4	34	4 04	Rises.			
4	Wed.	7	31	5	33	4 27	6 0			
5	Thur.	8	30	6	32	4 50	6 29			
6	Fri.	9	27	7	29	5 14	7 6			
7	Sat.	11	25	9	27	5 37	7 51			
8	S.	6 12	5 24	6 10	5 26	5 59	8 48			
9	Mon.	12	21	11	24	6 22	9 58			
10	Tues.	14	20	12	22	6 45	11 12			
11	Wed.	15	19	14	20	7 08	Morn.			
12	Thur.	17	17	15	19	7 30	0 29			
13	Fri.	18	14	16	17	7 53	1 45			
14	Sat.	20	12	17	15	8 15	2 58			
15	S.	6 21	5 11	6 19	5 13	8 38	4 9			
16	Mon.	23	9	20	12	9 00	5 20			
17	Tues.	24	7	21	9	9 22	Sets.			
18	Wed.	25	5	22	8	9 44	5 37			
19	Thur.	26	4	24	6	10 5	6 9			
20	Fri.	28	2	25	5	10 27	6 47			
21	Sat.	29	1	27	3	10 48	7 33			
22	S.	6 31	4 59	6 28	5 2	11 10	8 26			
23	Mon.	32	57	29	4 59	11 31	9 25			
24	Tues.	33	55	30	58	11 52	10 23			
25	Wed.	35	53	31	57	12 12	11 30			
26	Thur.	36	52	32	56	12 33	Morn.			
27	Fri.	38	50	34	54	12 53	0 35			
28	Sat.	39	49	35	53	13 14	1 38			
29	S.	6 41	4 47	6 36	4 52	13 33	2 42			
30	Mon.	42	46	38	50	13 53	3 48			
31	Tues.	43	45	40	48	14 13	4 55			

**Calendar, Aspects, &c.**

16th Sunday after Trinity.  
The month opens still and warm — very pleasant days until the change of moon, which brings variable, cool and windy season.

17th Sunday after Trinity.  
Changeable week. Dry and moderate. Cool but not cold. High winds throughout. Some storms westerly. Calm and cold East.

18th Sunday after Trinity.  
Very pleasant day. Dry and warm. St. Luke the Evangelist. The season is changing. hard frost has laid low the vines and leaves.

19th Sunday after Trinity.  
Very cool and dry. Variable days about now — rain and wind. Some snow has fallen down earth; rain west. St. Simon and St. Jude.

20th Sunday after Trinity.  
The month ends with clouds and wind.

OCTOBER.—As there is an increased exportation of Canadian productions to distant lands, it will be poor policy to ship inferior qualities of any thing. We specially refer to cheese and butter, of which large quantities are sent to England. Our character for care and the excellency of our produce are pretty well established. Good in flavor and attractive in color, Canada products have commanded a good price, and the same will continue to do so. We have heard of lots of poor butter which have been palmed off by Yankee speculators as Canadian, thus robbing us of our reputation, and swindling besides. All the more reason for vigilance in selecting and carefully branding the genuine Canadian article.

The "Canada Agricultural" pays all losses caused by fire or damage done by lightning whether fire ensues or not.

Be fore you  
ACCIDENT I  
general, not m

begins on Sunday.

Toronto.		London.	
h.	m.	h.	m.
5	56mo.	5	18mo.
4	50mo.	4	42mo.
4	19mo.	4	11mo.
2	24mo.	2	16mo.

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Every part of the WILLIAMS' MACHINE undergoes the most careful scrutiny before leaving the factory.

Before you start on a journey, procure a yearly Accident Policy, in the ACCIDENT INSURANCE CO., of Canada. Insures against accidents in general, not merely against accidents of travel.

11th Month. **NOVEMBER, 30 Days.** Begins on Wednesday

Moon's Phases.		Quebec.	Montreal.	Kingsion	Toronto.	London.
Full Moon.....	D. 1	h. m. 6 31 ev.	h. m. 6 25 ev.	h. m. 6 13 ev.	h. m. 6 1 ev.	h. m. 5 53 ev.
Last Quarter.....	8	0 7 ev.	0 1 ev.	11 59 ev.	11 47 ev.	11 39 ev.
New Moon.....	15	7 48 ev.	7 42 ev.	7 30 ev.	7 18 ev.	7 10 ev.
First Quarter.....	23	10 26 ev.	10 20 ev.	10 8 ev.	9 56 ev.	9 48 ev.

A HOUSEHOLD WORD!—THE WILLIAMS' SINGER.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m. s.	
1	Wed	6 44	4 44	6 41	4 47	14 32	Rises.	1	11	43 42	ALL SAINTS DAY. Cold rains and frosty nights prevail. Quite windy and unsettled.
2	Thur	46	42	43	45	14 51	5 3	9	11	43 59	
3	Fri.	48	40	44	44	15 10	5 46	18	11	45 23	
4	Sat.	49	39	45	43	15 29	6 40	25	11	47 24	
5	S.	6 51	4 37	6 47	4 41	15 57	7 48	21st Sunday after Trinity.			This week will be on the whole agreeable and pleasant, but the signs of approaching Winter are on us. Cold and snow.
6	Mon.	52	36	48	40	16 5	9 2	ST. MARTIN'S DAY.			
7	Tues.	54	34	49	39	16 23	10 21	22nd Sunday after Trinity.			
8	Wed.	55	32	50	38	16 40	11 36	Cold and frosty.			
9	Thur.	56	31	51	37	16 57	Morn.	5	21	43 59	Frosty and cold.
10	Fri.	57	29	53	35	17 14	0 49	Prospects of change.			
11	Sat.	58	28	54	34	17 31	1 58	Cloudy and calm			
12	S.	7 00	4 27	6 55	4 33	17 47	3 7	Windy and cloudy.			
13	Mon.	1	26	56	32	18 3	4 15	Pleasant not cold.			
14	Tues.	3	26	58	31	18 19	5 21	23rd Sunday after Trinity.			
15	Wed.	5	25	7 00	30	18 35	Sets.	Cold and frosty nights.			
16	Thur.	6	24	1	29	18 50	4 43	Cold rains and some sleet.			
17	Fri.	7	23	2	28	19 4	5 25	The wind also from the N. E., makes the week very disagreeable.			
18	Sat.	8	22	3	27	19 19	6 17	Somewhat milder.			
19	S.	7 11	4 21	7 5	4 27	19 33	7 14	24th Sunday after Trinity.			
20	Mon.	12	20	6	26	19 46	8 15	Changeable, but steadily			
21	Tues.	13	19	7	25	20 00	9 18	cold for some days with rains.			
22	Wed.	14	18	8	24	20 13	10 29	ST. ANDREW'S DAY.			
23	Thur.	16	18	10	24	20 25	11 22				
24	Fri.	17	17	11	23	20 38	Morn.				
25	Sat.	18	16	12	22	20 49	0 25				
26	S.	7 19	4 15	7 13	4 21	21 1	1 29				
27	Mon.	21	15	15	21	21 12	2 32				
28	Tues.	22	14	16	20	21 22	3 40				
29	Wed.	23	13	17	19	21 33	4 50				
30	Thur.	25	12	18	19	21 42	6 6				

NOVEMBER.—The Royal Agricultural Society of Britain has a membership of 5,982. It has an accumulated fund of \$150,000, and an Annual Income of \$54,000. It distributes \$17,000 in premiums, not one cent of which is expended on the fast horse and his fast master. The entries, as shown by the last report, are all eminently practical. There were more than 370 different implements, and 15 entries for a special premium for the best guard to the drum of a threshing machine. It may be noticed with pleasure that \$2,500 is yearly appropriated for scholarships to be held by pupils in designated schools in superior studies appertaining to agriculture. It shows the British estimate of the farmer's profession, than which none is more honorable, and but few more profitable.

Remember, every dollar paid out to Foreign Insurance Companies, is so much of the life blood of commerce removed from our midst.

The WILLIAMS' Sewing Machine

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# MEMORANDUM.

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The WILLIAMS' SINGERS is the embodiment of all that is good in Sewing Machine and is therefore the best to purchase.

12th Month. **DECEMBER, 31 Days.** Begins on Friday.

Moon's Phases.		Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Full Moon.....	1	6	4 mo.	5	58 mo.	5	46 mo.	5	34 mo.	5	26 mo.
Last Quarter.....	7	9	23 ev.	9	17 ev.	9	5 ev.	8	53 ev.	8	45 ev.
New Moon.....	15	1	14 ev.	1	8 ev.	0	56 ev.	0	44 ev.	0	36 ev.
First Quarter.....	23	6	41 ev.	6	35 ev.	6	23 ev.	6	11 ev.	6	3 ev.
Full Moon.....	30	4	49 ev.	4	53 ev.	4	41 ev.	4	29 ev.	4	21 ev.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.		Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
1	Fri.	7 26	4 12	7 19	4 19	21 52	h. m.	1	11 49 18	Cold and gloomy. Prospect of snow storm.
2	Sat.	28	12	21	19	22 1	Rises.	9	11 52 40	
3	S.	7 28	4 12	7 21	4 19	22 9	6 45	18	11 56 57	Advent Sunday. Not unpleasant day.
4	Mon.	29	11	22	18	22 18	8 4	25	12 00 26	
5	Tues.	30	11	24	18	22 25	9 24			St. Nicholas, Thermometer low. Wind and storm.
6	Wed.	31	11	25	17	22 33	10 40			
7	Thur.	32	11	26	17	22 39	11 58			A fall of snow. Very unsettled.
8	Fri.	33	11	27	17	22 46	Morn. 1 1			
9	Sat.	35	11	28	18	22 52	1 1			
10	S.	7 35	4 11	7 28	4 18	22 57	2 8			2nd Sunday in Advent. There will be continued frost this week, perhaps a thaw, which however is of short stay. The weather continues generally wintry.
11	Mon.	36	11	29	18	23 - 2	3 14			
12	Tues.	37	11	30	18	23 7	4 23			
13	Wed.	38	11	31	18	23 11	5 29			
14	Thur.	39	11	32	18	23 15	6 34			
15	Fri.	39	11	32	18	23 18	5 5			
16	Sat.	40	12	33	19	23 21	6 5			
17	S.	7 41	4 12	7 33	4 19	23 23	7 8			3rd Sunday in Advent. A snow storm will prevail East, much lighter West of Kingston.
18	Mon.	42	12	33	20	23 24	8 10			
19	Tues.	42	12	34	20	23 26	9 12			
20	Wed.	43	13	36	20	23 27	10 13			
21	Thur.	43	13	36	20	23 27	11 15			
22	Fri.	44	13	37	21	23 27	Morn. 11 15			
23	Sat.	44	14	37	21	23 26	11 15			
24	S.	7 45	4 15	7 38	4 22	23 25	0 15			4th Sunday in Advent. CHRISTMAS DAY. Settling for cold. St. Stephen St. John the Evangelist. Holy Innocents.
25	Mon.	45	15	38	23	23 24	1 23			
26	Tues.	45	16	38	24	23 22	2 33			
27	Wed.	45	17	38	24	23 19	3 47			
28	Thur.	46	18	39	25	23 16	5 04			
29	Fri.	46	18	39	25	23 13	6 19			
30	Sat.	47	19	39	26	23 9	7 23			
31	S.	7 46	4 20	7 39	4 27	23 5	8 26			1st Sunday after Christmas

DECEMBER.—At this season it is advisable to employ a portion of spare time in the reading and study of such books as are adapted to your profession or employment. Agricultural and Horticultural works are more abundant and of a better style of perfectness than could be had in former years. Don't be a hamed of "book learning" or of scientific farming. He is not worthy to own a piece of land who repudiates science or neglects scientific research. There are few professions or occupations wherein knowledge of chemistry and botany is of greater importance. We must therefore again recommend study; keep out of debt, drink no alcohol, attend your Church, and remember the poor.

If you want durability excellence of workmanship, and a Machine for the Family, obtain without delay WILLIAMS' SINGER.

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The cheapest is not always the best, such is the case with Sewing Machine. A cheap Machine will give you trouble. So it is better to be sure than sorry, therefore buy a WILLIAMS' SINGER.

Since Thomas Hood, inspired by compassion for the suffering thousands, wrote his immortal and inimitable "Song of the Shirt," what a revolution has been accomplished by an inventive genius, which has proved to be one of the truest friends to humanity. Comfort, plenty and happiness have taken the place of weary toil and heart subduing want. The worker with the needle is no longer an object of pity. She no longer needs to have her sorrows sung. The halls of luxury are no longer darkened by the sad thought of her melancholy history. Nor is she now, as in the days when Hood wrote so vividly of her condition, dependent for a scanty living on the caprice of haughty patrons and patronesses! What a change! And this change has been brought about by the Sewing Machine. What we need now is the bard whose prolific muse shall picture in glowing words the delights, the advantages, the wonderful results of the Sewing Machine. But are not its glories celebrated in the thousands of households in every land to whom its arrival has been a blessing? And when we speak of sewing machines, we refer, of course, to the best which our own or any country has produced—the best and fullest combination of all excellences and convenient adaptations to the purposes for which it is intended. Nor are we afraid thus to characterize the WILLIAMS' SINGER SEWING MACHINE—the Model Sewing Machine of the present time. Without it no house is completely furnished—without it no lady is fully equipped. The WILLIAMS' SINGER SEWING MACHINE cheers the wife, put the husband in good humour, makes the children happy, and is a blessing to the entire household. Ask those who have used it. They know.

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THE MONTREAL GAZETTE of the 5th Dec. has the following:

**SEND ON YOUR LISTS.**

We hope our friends throughout the country will not forget the offer which we made a few months ago to those who obtain new subscribers for THE WEEKLY GAZETTE. We (the editor) have been doing our best to furnish our readers, old and young, with the best moral and intellectual food which we can procure, and the pleasing reports we hear from time to time from the business managers of the journal prove that our efforts have not been altogether unsuccessful. Our aim is to make THE WEEKLY GAZETTE in every respect the best, the most popular, and the most extensively circulated paper in the Dominion. In this our young friends with whom we hold communication from week to week can very effectively aid us. Nothing seems to us to be easier than for a young lady or gentleman during leisure hours to comply with our invitation. It will be remembered that for a list of twenty-five new subscribers with \$37.50 in cash, we promised as a premium, a Handsome Gentleman's Watch, Crystal glass back and front, worth \$15.00. For a list of thirty new subscribers with \$45.00 in cash we will give as a premium an open faced watch, flat crystal glass, worth \$20.00. For a list of thirty-five new subscribers with \$52.50 in cash we will give as a premium, a hunting case watch of superior make, worth \$25.00. These watches are called the "EVERY DAY WATCH," and are in Aluminium Gold Cases, presenting the same appearance as gold, and wearing the same, the movement is sound and well finished, being a "horizontal" of the same kind as usually put into silver cases; jeweled in six actions (rubies) and may be confidently relied on as durable and useful timekeepers. We have been shown these watches, which lately arrived at the office, and can assure our friends that they are prizes such as they do not every day have an opportunity of winning so easily. We believe the business managers are anxious to get them off their hands as soon as possible, as all who see them regard them with a feeling far too like covetousness and say that those who get them are to be envied. For a list of sixty subscribers with \$90.00 in cash we will give as a premium a first class Williams Family Singer Sewing Machine, worth \$40.00. These machines are perfectly new, latest improved, and in perfect order, highly ornamented, on iron stands, black walnut table and drawer (polished). We trust that before long we shall have the pleasure of receiving a good many lists from all parts of the country. Why, it is only a few hours work, a little tact and the practice of a little honest moral suasion. Work ladies and gentlemen! the prizes are waiting for you.

## VALUABLE HINTS.

(From the *Journal of Commerce and Insurance Review*,  
November 25, 1875.)

Circular No. 6, recently addressed by the Managing Director of the Canada Agricultural Insurance Company to agents, is so replete with sound practical common sense and honesty, that we reproduce it in part, feeling that its suggestions should make it valuable and interesting not only to the agents of other companies also, but to the entire mercantile and agricultural interests of the country. After referring to the complaints of agents as to the stringency of the company's rules and regulations, the great number of questions in the form of applications, in which many other companies are so lax, some asking only 8 or 10 and others but 3 or 4, making it of little or no more value than a piece of blank paper, Mr. Goff says:

The difficulty is here: these disastrous practices have prevailed because the companies have been blindly drawn into a whirlpool of reckless competition, which has carried them steadily down and away from the greater lights and fixed principles of legitimate fire underwriting, and it has come to pass that the great mass of insurance agents, and especially those representing Mutual companies—seem to think that to do a successful insurance business is to get rid of as many policies as possible, upon any obtainable terms. For this, the taking of the insurance is made easy and done carelessly; a very simple, and in many cases an almost worthless, application is all that is required. But what is lost at this end of the contract must be made up at the other end, and when losses occur, quibbling or technical adjustments must be made to atone for bad practices; the less the insured knows about the conditions of his policy the better for such adjustments, and the easier the way to the Company's salvation through them.

Now, what we claim is that the application and policy should form a definite contract between insurer and insured; a contract to indemnify the policy-holder in the event of loss for certain considerations, viz., payment of a stipulated premium, and compli-

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ance with specified requirements. Why should the covenanting and obligating be confined to one party? and that, often, the only responsible party? Why should the contract of insurance, involving as it does the security of policy-holders' home or fortune and the payment of thousands of dollars, be hawked about and bargained for with no more knowledge of its contents or value than if it were a prize package.

With our form of application and policy honestly used and properly examined, the adjusting would be chiefly done before the loss. The insured cannot plead ignorance of what he has agreed to do, and the company can differ with him only on questions of fact, susceptible in most cases of easy determination. Deceptive surveys, and equivocal reports are made almost impossible. The reforms we have introduced into our business are wholesome to both insurer and insured. We do not care to bind ourselves to "go it blind," nor allow our agents to do so, by taking applications on the side-walk or in the bar-room, or extemporize them in the absence of the other party. On the contrary we want them to think and know just what they are doing, and how they are doing it,—in fact we want our agents to exercise also the qualifications of a good insurance agent, which are, "good, upright and downright honesty, a good pair of legs and eyes, and good, sound, common sense." These standing for faithfulness, hard work, quick observation and insight, together with practical knowledge and intelligence, are the essentials to success.

You must bear in mind that "volume of business" is not always "paying or safe business," and, where reckless practices are followed to any extent or for any length of time, the company must pay the penalty of its folly in excessive losses and consequent ruin. We would suggest to each and every individual agent to exercise his better judgment in this matter—go to work energetically, fully determined to carry out and be governed by correct rules and practices, and aid us in trying to make the insurance business of the country rank among its leading interests—as much as banks and other moneyed institutions, and then applicants for insurance will expect to pay fair rates for assured indemnity, and when a loss occurs, rely on its being settled promptly and honorably, on the same business principles as a book account with a customer or a promissory note at a bank.

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Some people ask how it is that the WILLIAMS' SINGER SEWING MACHINE is so much better than other Canadian Makes. The answer is that the Williams Manufacturing Company have decided not to build a Cheap Machine, and they use only the best material and employ only the best mechanics, and in doing this, their Machines cost nearly twice as much as other makes, although they sell them at the same price.

## OLD ALMANACKS.

Almanacs are amongst the oldest form of literature, and come to us originally from the East, indeed the word "Almanack" is of Arabian derivation. In olden days, and well into the last century, they were made up of astrological prophesyings, and all kinds of nonsense, based on the ignorance and superstition of the people. The print on the 3rd page of our own, is a lingering remnant of the old time-worn superstition, that the twelve heavenly signs, governed the anatomy of Man's body. It was supposed that the Heavens were divided into twelve parts or houses, the House of Health, the House of Marriage, the House of Riches and so on, and astrologers stated, that they could tell from the position of these twelve houses, at the moment of an infant's birth, what the destiny of the infant would be. Indeed they went far beyond to foretell his future, and the fate of Kings, the birth and death of Governments, the coming of a Plague, or the bounties of a rich Harvest, were all pictured beforehand, with a coolness and audacity perfectly marvellous.

We have come across a bundle of these old Almanacs well worth looking into as curious remnants of an almost defunct literature. All of them were published during the reign of Charles the Second, and in the days when the King was far more absolute than any of his predecessors. It was an age of superstition, looseness and immorality, and these characteristics are apparent on every page of the pamphlets under consideration.

*Lilly's Almanack*—the most popular and fashionable of the day, made no little religious profession, the astrological judgments for the year 1675 being ushered into print with a great flourish of pious trumpets. He has a long preface in which he proves the value of his predictions last year after this fashion.

"I told you in my observations for last July that unless God by his providence diverted the course of Nature strange and wonderful catastrophes will appear. Has it not been so? he asks." "There was a great hurricane in Amsterdam."

In this extract we have the secret of Astrological predictions—broad general statements, ready to fit anything, needing but the ingenuity of the writer at the end of the year, to make the cap fit. After this long preface comes the Almanacs proper, on one page the days of the month, noting sun rising and setting, fasts and festivals, and on the other the predictions for the month.

He predicts for January "that news from Ireland may be unpleasant." "That some great Lady would suffer sorrow but afterwards be comforted." February he says "will bring strange news from France and accounts of shipwrecks." "Some male devil will sow tares in England during April, and a great many old and prominent people will die in November."

There is a great deal of ingenuity in these predictions. Of course, unpleasant news for England may always be expected from Ireland. In the days of Charles, a good many great ladies came to sorrow every

No more strife and no more sorry work to-day, and work to-morrow is the song of the WILLIAMS' SINGER SEWING MACHINE.

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week. February is naturally a month for shipwrecks, and so is November for carrying off old men. As for "the male devil sowing tares" in April, that would fit any of the devilment so characteristic of the Court and Royalty, but how the sex of the devil would be proved remains rather a mystery.

The Advertisements are very few. The longest, puffs up an Elixir sold at various shops in London. This Elixir is good for griping of guts, small-pox, putrid fevers, wind and vapours, and all persons are warned to beware of counterfeits. Another advertisement, states

"That Henry Coley, Philomath, teaches in his house over against the "Old Hole in the Wall" in Baldwin's Garden, Arithmetick, Vulgar and Logarithmetical Astronomy, Navigation, and the art of Astrology in all its parts: and James Ward, Mathematician, informs the public, that having already performed several waterworks with good applause, he hath lately invented an engine for the pumping of water which by the assistance of one man, (only) shall pump two ton of water in one minute, the same having been lately tried in St. James' Park.

It is perfectly plain, that whatever we have lost astrologically in our present Almanacs, it is to a certain extent made up for, by the mass of information contained in our modern advertisements.

Mr. Lilly uses two pages of his Almanac for private abuse, much in the fashion of some modern newspapers. There was an opposition Astrologer. "An ungrateful person," "our Quondam Taylor" he says, who only lives to abuse better men, with "causeless girdings," calling them "Rats in Science," "Battelheaded Astrologers," and other "scurrilous and provocative epithets." Mr. Lilly warns the public against this creature, whom he calls "A Scorpion," and states that the only evidence he ever gave of literary talent was in writing a book on "Stinking Breaths," a subject on which he appeared to write naturally.

*The Episcopal Almanack*—is altogether free from Astrology, but whatever it loses in this respect it makes up for in its Churchism. Its poetical motto is as follows:—

"Let Schismatics, and such who do deny  
The sacred function of the Prelacy,  
Viewing the lives of these angelic mirroures;  
Blush at their ignorance, and confess their errors."

It then gives us an outline of the Angelic Mirroures, the Archbishops of Canterbury, after this fashion—

First Cranmer who his faith sealed with his blood,  
Next Reginald Poole who before Rome Bishop stood;  
Then Parker was preferred by the maiden Queen,  
Next Edmond Grindal in that place was seen,  
and so on, down to

"The Reverend Sheldon who doth now possess the Sec."

Poetry appears to have gone down well with the Episcopate in those days, for the Almanack is full of it, the worst we ever read.

The seasons for marriage are strung together thus—

"Advent, marriage doth deny,  
But Hilary gives thee liberty,  
Septuagesima says thee nay,

WILLIAMS' SINGER SEWING MACHINE will do all kinds of work from the lightest to the heaviest, is never out of order, and a child can operate them.

Eight days from Easter says you may;  
Rogation bids thee to refrain,  
But Trinity sets thee free again."

The most wretched poetical attempt we ever read, is aimed at some sturdy Puritans, who buttoned up their pockets, against some obnoxious parish rate.

Who to the church revenues do deny,  
Do to the clergy bring contempt thereby;  
High Priests were made by God (deny'd by no man,)  
And low priests made by wicked Jeroboam.

The terribly cruel manner, in which "Jeroboam" has to be twisted and dragged about, in order to make him rhyme with "no man," is a caution for Kings.

The Almanack entitled "*Ephemeris or News from the Stars*," goes deeply into political prophecy.

"France, Denmark, England and Sweden, are advised to be guided by the configuration of the stars," about to take place in January. The effects of February, will be uncertain, but great political stirs and controversies are possible. In April, poor Ireland is warned that a dark cloud will break over her, and England is advised, that reports may be expected from Poland. October brings an eclipse of the moon, which "seems to import afflictions, and sorrow unto some eminent person or persons of the female sex in Europe, and if Merchants in some countries be sensible of no obstructions in their undertaking during its effects, it will be well."

We cannot but admire the judicious manner in which the prophet takes "all Europe" to give him a "sorrowing female" and "some countries" to furnish him with a bankrupt merchant.

*Poor Robin's Almanack*—is a kind of Josh Billings production, scoffing and jibing at the astrologers, and furnishing the public with jokes and conundrums. Robin is death on Mr. Lilly, and his brother star gazers, and has for his motto, the following complimentary acknowledgement of the worth of astrology.

"Here is no State foretelling juggling knacks  
As is set forth by some star gazing quacks,  
Who make the stars to speak things strange and high  
Or else those juggling knaves the stars belie."

Robin has an elaborate preface to the "courteous (not currish) readers," in which he says that

"A horse that has a bigger head than I, cannot tell what will happen no more than the best of astrologers, only we guess at things which we conceive are most likely, and if they happen not according as we set down, yet it is not our faults, but the stars, which will not do as we want them to do."

Our ancient Josh Billings is very loyal. Every page of his Almanac has some sweet compliment for Queen Katherine, or the King, and sometimes the compliment, takes the shape of poetry, as in the following lines:—

"God bless our Gracious Sovereign Lord King Charles,  
And crown his head with years, and years with plenty,

The WILLIAMS SINGER is the embodiment of all that is good in Sewing Machine and is therefore the best to purchase.

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May envious tongues who at his honor snarles  
 Confounded be, made frustrate and quite empty,  
 And God preserve likewise our good Queen Katheren  
 In every virtue to her subjects, a blessed pattern.

There is ingenuity at all events in the rhyming effort of this pious prayer. "Charles" and "snarles," "Katheren" and "pattern," are undoubted evidence of the author's determination, to make poetry, at any cost.

Robins conundrums take the form of "Select Queries," which he says "although they be not astrological, yet for anything I know, may be as pertinent to the purpose as some things which are put in other Almanacks." Here are a few of them.

Whether Sextons would not make good Clergymen, seeing they are *Grave* persons?

Whether the reason why Lawyers wear Round Caps is not, because they can't have anything to do with the *Square*?

Whether Barbers and Lawyers may not be called Brothers, because they are both notable *Shavers*?

Whether the greatest query out, is not to know where to get *Money*?

Whether Fencers would not make the best Schoolmasters, seeing they knock their instruction into the *Heads* of their Scholars?

The overwhelming majority of Robin's conundrums are, we are sorry to say, so very loose and immoral, that further extracts would be impossible. Indeed the whole production is vilely immoral, and furnishes a sad example of the form that fun took, during the reign of Charles. Our Josh Billings, reads like a tract, when read in conjunction with poor Robin, in fact, any publisher of the present day, would lay himself open to a criminal prosecution, if he republished verbatim, this once highly popular annual.

The mechanical work expended on these old Almanacs was of first-rate quality. Those in our possession are two hundred years old, and bear the marks of constant use, but they are in a state of perfect preservation. The binding is heavy and strong, the paper good, and the letter press as black as if only printed yesterday. The style of printing however is unpleasant to the eye, each page being dotted over with a vast number of capital letters, and the punctuation is perfectly abominable. It is plain however, that there were first-class bookbinders, and paper manufacturers, in the days of King Charles the Second.

In every other respect, our Almanacs are far ahead of these more expensive productions. In a moral, social and scientific sense, the common Almanacs of the 19th century are as light compared with darkness, when placed side by side with those of the 17th. It is a quaint study to go back to these old volumes, but we lay them down with the happy thought, that we live in clearer light, and clearer times, and that if we are not better men, than poor Robin, and William Lilly, student in astrology, a heavy reckoning lies before us.

DOCTOR JAMES.

The WILLIAMS' Singer is the embodiment of all that is good in Sewing Machine and is therefore the best to purchase.

## WHO SHOULD NOT BE INSURED, AND WHY?

Those who quarrel and fight with their neighbours, and are so fond of minding other peoples business that they cannot find time to attend to their own, should not be insured because, their habits of quarrelling and meddling might be encouraged by the fact that whatever *may* occur *they* are safe from loss. So that insurance would in their cases result to the public injury.

Those who are careless and indifferent as to the safety of their stoves, stove-pipes and other heating apparatus, they should not be insured, because sooner or later they are sure to have a fire, and if the first fire only singes their pockets sufficiently, they may be warned to be more careful in the future; if you insure such people they trust to the insurance, and let things go, until some cold night, their wives or children or some other helpless mortals, are burnt to death, dying in the most exerceiating agony, just because the head of the household was too lazy or careless or indifferent to the safety of his family to keep his stove-pipes in order.

Those who use open lights in Barns or Outhouses should not be insured, because, they are doing their level best to destroy the property the "Lord of the Harvest" has blessed them with and which they hold in trust for the millions in Europe, to whom dear food means "Death from Starvation." They should if possible be the only sufferers from their criminal carelessness, by which they not only defraud the poor, but imperil the lives of Animals more deserving than themselves of pity and relief.

Those who smoke whilst amongst straw or shavings, because they are as bad as those who use open lights and think so much more of their own comforts, than they do of the safety of their families and property, that if a loss occurs they should be allowed to bear it alone; it is a pity however that their innocent families should have to suffer from the consequences of their selfishness and carelessness.

Some people think it very hard that Insurance Companies should be allowed to be so very particular about the people to whom they will grant insurance, and the state of the property they will insure; such people are led to seek those companies who ask no questions about the people or the property, and put no conditions into their policies.

Let us calmly consider the question and see, which is right and which is wrong in this matter:

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*First.*—Let us remember that every year several millions of dollars worth of property is destroyed by fire in Canada. We talk about Tories and Grits, about Protection and Free Trade, about Prohibition and Reciprocity, but we calmly ignore the fact that these millions of Dollars worth of property can never be replaced, do what you will, there is so much lost to the Country. You may give your neighbour bricks, stone, lime, and lumber to replace his house with, but the fact remains that these materials would have built a house for some one else if their neighbours house had not burnt, and so there would have been two houses instead of one, two families comfortable instead of one, and the Village, Township, County, and the Country would have been so much the richer. The blanket you give him to replace the burnt one, might have prevented some other poor mortal from freezing.

*Second.*—Whatever endangers property jeopardizes life, and we need not discuss the horrible nature of a death by burning, or the impossibility of bringing the dead to life.

*Third.*—A Fire is just as likely to break out and shew itself in the middle of the night when all are asleep, as in the middle of the day when all are awake, then where are the children or helpless, or where is the strong man when overpowered with the smoke.

*Fourth.*—The man who by neglect, or carelessness causes the burning of his own property is just as likely thereby, to destroy the property of his careful and innocent neighbour, and we presume no one will attempt to say anything in defence of him who imperils the safety of his neighbour's life or property.

So that those companies who ask no questions in their applications, and put no conditions in their policies, are *public enemies*, and should be driven out of the country, inasmuch as by asking no questions they encourage all kinds of carelessness, all kinds of neglect, and all kinds of criminality, and by attaching no conditions to their policies, they encourage all kinds of fraud and rascality.

So, if your neighbours buildings are any way near yours it is well for you to find out, not only that he is insured for a reasonable amount, so that he may not be ruined if a fire should accidentally occur, but that he is insured in a company which is *very particular* in insisting that everything should be kept in good order and well secured from fire. Remember that a fire cannot possibly benefit any honest man, and that consequently every honest man is bound to support those insurance companies who insist on proper precautions being taking to prevent fires.

The sales of the WILLIAMS' SINGER has doubled in Canada in the last year, which proves that Canadians can appreciate a good thing.

HONEST LOG AND SWINDLING BRICK.

BY AN OLD SETTLER.

It is a great country, this Canada, but it is going to the dogs fast for want of Truth. Where do all the lies come from that have eaten their way into everything, like mites into cheese? I remember when you could believe a man's word, but it's a long time ago. It appears to me, that truth went out with the old mud roads, and the blazed track, the team of oxen and the log shanty, and the lies came in like a flood, with your dash-ahead railroads, gravel roads and turnpikes. Long Tom Smithett, who is married on to my daughter Mary, said last night, that we learnt to lie from the Yankees, and I guess he knows, for he has never forgotten that sallow-faced Billy goat, that gave the large prices in weekly notes for wheat, down at Brattenbury's corners, seven years ago. I mind the night that same fellow drove up here in Ike Brattenbury's livery buggy, to try and drive a trade with Jack for the brown heifer. He sat out with us under the stoop, smoking a long cigar, and telling us about the war, about Sheridan, Jackson, Seward Lincoln, Beauregard and Davis. Bless you he went to school with most of them, and made money out of all of them; he advised Seward in the Trent affair, and was with Jackson, when he got converted at a camp meeting. After the fellow burst up, and left enough paper behind him, to make tails for all the kites round the country, we found that he had been a bar tender in Detroit, and that he was picked up by a firm down there, to come up to us, and buy wheat on commission at so many lies a bushel. That's why Long Tom is down on the Yankees, and small blame to him, for three good loads of wheat were taken clean out of him, two days; before the fellow cleared.

I asked our Parson about it, one night that he came out to tell me to act as his churchwarden. Your Reverence, says I, what's the reason that we were honest round here when we had service in the old log school-house, but that every one lies like thunder, since the brick church and the stone meeting house have gone up? His Reverence is a fine old gentleman, with an eye like a hawk, and Tom Smithett says, "a will like a mule's," and has been travelling round these diggings for the last five and twenty years. He has baptized, and married, half the country, and there is not a corpse for miles round, would think himself decently buried, unless the old Rector read the funeral service. So I put the question plain to him, and he answered me straight off like this. Of course I can't give you his words, but here's the material of them.

"Mr. Miller," he says, "five and twenty years has changed a good many words in the dictionary, and we have drifted into an Age when the word 'God' means 'Gold,' and 'a clever, smart man' means a cheat and a swindler. When we first settled in here we were poor, and the Devil we had to fight was the tavern on the cross roads, but since that, everybody has gone up in the world, and the race now is, to see, who will make the most money in the shortest time. What made you, and others, clect that old swindler, Tom Buckboard, councillor for the

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township? You know that he shaves notes, that he cheated the Widow O'Reilly out of that hundred-acre lot on the tenth concession, that he was the head of the ring that got all the county contracts last year under their paw, that he curses and swears, and drinks like a fish, and yet you, and all the settlers down this line, went up to Whiteley's tavern a week ago, and voted him in. Don't you see, Man, that you are helping to make liars. I know that Tom Buckboard is a clever, smart fellow, that is,—he cheats neater than any man in the county. I know that he lives in a big brick house, that he can make speeches by the yard, and above and beyond all, that he is the richest man round these parts, but he is a deep-dyed blackguard, a proved and convicted liar, and, if everyone had his due, he would years ago, have had a lodging free of expense in the county gaol. And yet—You, one of the few really honest men about here, are so carried away with his wealth and influence, that you put him into a position, where he can poison the very springs of morality itself, and there you sit with a face on you the length of my arm, asking me at this time of day, 'What's the reason there is so much dishonesty going round?'

"But, your Reverence," said I, "The choice lay between Tom Buckboard, and that old bounty jumper Seth Lewis, the rich Yankee, who bought poor old Bill Dyke's farm."

"Just so, Mr. Miller," he replied, "the choice lay between two *rich, bad*, men. Look here," he says. "How is it that in all our matters, the choice lies between two evils? There is a vacancy on the Grammar School' Board, and in goes old Longhurst, the contractor, who can hardly sign his name, or Captain Bounce, of the volunteers, who drinks more liquid, and less tea or water, than any two men in the town. Why does the choice lie between these two men, one an Ignoramus, and the other a drunkard? I'll tell you,—Old Longhurst is likely to give a lot for the new school-house, and the Captain gave us the town bell last year. Money does it you see. There is Mr. O'Grady, who lives on his pension, an old Trinity College Dublin man, why don't you put him in? There old Mr. Whitfield, the retired Presbyterian preacher, why don't you put him in? Because they are both poor men. No—you put Me on because you daren't leave me off, and you condemn me to sit on a board, with a majority of ignoramuses and a minority of grog drinkers, and expect the youth of the town to get a respectable education."

"Well, your Reverence," said I, "All that sounds hard, but I guess there's more truth than poetry in it; but how is that our respectable farmers and store-keepers don't run for these public offices? There's Mr. Corzen, if he ran for township councillor, I'd go ten miles to give him a vote."

"Aye, aye, Mr. Miller, you would, and I would, and so would Tom Smithett, and few others, but then we have no axes to grind. But just fancy all the axe grinders that would vote for anybody that had a grindstone. Corzen would run for the benefit of the township, but some one would start in opposition, and would run for his own benefit, and the benefit of the tavern-keepers, and of every one that had an old axe, and Crozen would soon find himself coming out at the small end of the horn. And there is another reason why men of a good stamp avoid public municipal life. They have a good name, and it has a bad name, and the two things don't mix well."

The WILLIAMS' SINGER will wear three times as long as any other Canadian make of machine.

"Well, your Reverence," said I, "I can see how one bad thing, leads on to another, but where is it all to end? Is this lying and swindling and ring-making always to go on?"

"I hope not, Mr. Miller," he replied. "I think as the country gets more educated, and religious principles more clearly defined, it will improve, but under God, I put great dependence, on the growth of a National Reputation. You see," says he, "we are only beginning to feel our oats, and it will take some time to make us trot out with a steady pace, as the well-bred offspring of the old mother. One of these days we will learn, that if we wish to hold up our heads, beside older countries, we must have a reputation of our own. The word and bond of a Canadian, must become as good, as the word and bond of an Englishman, and when that day comes, Old Buckboard and his set, will go to the wall. As it is," he said, "I see signs of better times." It's a hard law in many ways, this new Election Law, but it is an effort in a good direction. When Ottawa becomes the cleanest city in the Dominion, there's a chance for the villages, and townships, to follow suit and brush up a bit."

It was a lovely clear moonlight night that we had this talk. After his horse came round to the stoop. I walked down beside the old Rector to the gate, and as I was bidding him good night, I said: "You have a fine clear sky overhead, sir, and a fine clean road under foot." "True for you, Mr. Miller," he replied, "and I'll make that sentiment of yours, the practical application of my sermon. Canada has a good God above her, and if she can only keep a clean road under foot, those who come after us will have less mud on their boots than we have." And with that, the old gentleman gave his grey mare a dig with his heels, and away with him down the concession, and as he went, I could not help thinking, that, there was as much Honesty in that saddle, as would set up a whole Corporation—at least in the part of the country that I live in.

#### THE TEMPERANCE PROGRAMME FOR 1876.

One of the most marked signs of the times during the year past, has been the wonderful progress of the temperance movement. Without any apparent collusion, people of all classes, and inhabitants of widely separated countries, have gone into the work with a will and earnestness really remarkable. Clergymen and laymen, woman and children, Canadians, Americans, English and Irish, all appear to have roused themselves up to the importance of the question, and in some parts of different countries, the long established social habits of the people, have undergone an actual change.

And the strange thing about the present movement is, that it is without any great master mind at its head. Canada, America, England, have produced no counterpart of Father Matthew. England, has Sir Wilfred Lawson, America, John Gough, Canada, Messrs. Vidal, Ross and others, but not all rolled together could make one Father Matthew. Indeed Canada is remarkable in this respect. There is no country

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perhaps where the temperance movement is making such steady headway, yet Canada has produced no great temperance orator whose tongue of fire can inflame the hearts of thousands. It has an army of temperance speakers, but not one, great; glowing advocate.

Possibly it is well that it should be so. When Father Matthew died, and his marvellous voice, and apostolic energy ceased to magnetize mighty audiences, the movement to which he gave life died also. In the case of Canada, every township, is giving to the cause some local advocate, and thus the work goes on. No great speeches are made, but a great many are made, and whatever we lack in high-born genius, is to a great extent made up for, in the wide spread spirit of personal devotion to the cause, so characteristic of each Canadian Province.

That such a movement points towards most important acts of future legislation is apparent. It is impossible that all classes of men can unite in any one feeling, without that feeling in due time, leaving its mark on the statute books of the country. We say "*in due time*," for there is always danger where a movement is successful, of supposing the success, to be really greater than it is.

The truest way to mould a substantial national sentiment, is by strengthening existing organizations, and extending their formation through the country. We look for great results, from the various Church temperance societies, teaching as they do, a class of people never reached before. If the leaders of the movement in every city, town, village and township, lay themselves out this year, to increase largely the brotherhood, and create fresh centres of influence, 1877 will find Canada, in a much more likely position to gain the needed legislation than it is now. What is wanted, is united, and extended action, and *patience*. *Patience* to wait for the right moment; *patience* to live down obstacles and create success.

#### GEOLOGY.

It is a strange fact, yet true, that the earth contains in itself a perfect history of the succession and order of creation, and in exact accord with the succession and order of creation, as given by Moses, in the 1st chapter of Genesis. If we could cut the earth in two, as we would an orange, we would find the centre, most likely, composed of fire, and as a rule surrounding it, and reaching upwards, successive layers or strata of rock. These layers have been the growth of ages and have resulted from volcanic and other causes. Each great division of rock formation after you pass the first, has its own history written in it. Each contains what geologists call *fossils*—that is, remains of shells, corals, fishes, vegetation, Beasts and finally Man, the latter of course lying at the top. Geologists divide the crust of the earth into the following periods:—

*Azoic Time*.—The word Azoic means "without life." The Azoic age commenced with the origin of the earth's crust and includes the oldest rocks of the globe. As a rule they are hidden out of sight, deep down under stratas of newer rocks piled upon them, but in North America,

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and especially Canada, in Sweder, Norway, and Northern Scotland, they have never been covered, and form the surface rocks. The Azoic rocks are chiefly granite, gneiss, syenite, and granular limestone. Whenever you come across any of these rocks, you are looking at some of the earliest of created things. So far, no remains of life have been discovered in the Azoic rocks, with the exception of a fossil found by Dr. Dawson of Montreal, which he calls Eozoon Canadense, or "Dawn Animal," but some geologists doubt the organic nature of the fossil.

*Paleozoic Age.*—The word Paleozoic means "ancient life." Its rocks are piled up over the Azoic, and are composed chiefly of lime and sand stones. Life became abundant in this age, judging by its fossils, which are chiefly sea shells and the remains of strange looking fish. But undoubtedly, the chief characteristic of the age was its abundant and magnificent vegetation, which covered part of the earth with vast forests and jungles. It was during this time that the great coal beds of the world originated, coal, being vegetable matter changed into mineral. According to most geologists, the great continents of the earth were at this period, raised up from the depths of the water, and covered with a gigantic vegetation. Then, after a vast length of time, the continents sank down under the ocean, and the grand forests of the past, were covered with massive sand banks, mud, and sediment, which crushed together the vegetable matter, and reduced it in time to the condition of coal. Then the continents rose again from the waters, and new forest flourished on the graves of grandest vegetation that the world ever bore. The geological record of this period, is full of interest to the student.

*Mesozoic Age.*—The word Mesozoic means "middle life." Its fossils approach towards that of the existing world, although all the species are extinct. It was the age of Reptiles and great Sea Monsters. Some of these Sea creatures were of tremendous size—18, 25, 40 and 50 feet long. Their names are equally long and puzzling but it is well worth mastering them for the purpose of understanding the history of the period. The land also had its terrible inhabitants which are now all past and gone. The Iguanodon 30 feet long, the Megalosaur, a Kangaroo like lizard of awful rapacity, and the Ceteosaurus, 50 feet long and with a thigh bone 64 inches in length. During this age, the Rocky Mountains, and Andes, Himalayas, and Alps, received a considerable part of their elevation, and the uplifting of the Arctic regions, produced no doubt, a great change in the climate of the world.

*Cenozoic Age.*—The word Cenozoic means "recent life." The organic remains of this period, bring us close to existing animal life, although as a rule, the species were much larger than those at present on the earth. There was the hog like Palæotherium, the Dinotherium or monster Kangaroo, the Glyptodon, a gigantic turtle, and the Silvatherium or horned deer, supposed to have been of elephantine size, and of great power and swiftness. The Elephant of this age was much larger than the largest modern species, and roved over Britain, Northern Europe, and Asia, even to the Arctic shores. Indeed England had strange visitors in those distant days. Gigantic Hyenas, Bears, Elephants and

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ther species of larger animal life. The cave of Kirkdale when opened was found full of bones of these wild animals long since extinct. In short, the Cenozoic age was the age of beasts, even as the Mesozoic was the age of sea monsters and reptiles. When we come to the most recent and superficial deposits of this age, we come across the first traces of Man, proving him to be one of the latest inhabitant of the globe.

If we take the great leading types of creation in their order, as they appear in fossil life, we will find them run thus:—

An age of vast and wide-spreading vegetation.

An age of sea and shore life.

An age of Mammal or brute life.

The age of Man.

Now this is exactly the order of Creation, as given in the 1st chapter of Genesis, as far as animal and vegetable life is concerned.

On the 3rd day, or period of time, the earth brought forth grass and herb, and tree.

On the 5th day, or period, the waters brought forth abundantly

On the 6th day, or period, cattle and beast were created, and at the close of the day or period, Man.

It may be wondered how we could have such extraordinary vegetation without sunlight, but light is not confined in the Sun, and the fact that the remains of a magnificent vegetation, has been found in Baffins Bay and Melville Island, would lead us to suppose; that the earth during the Paleozoic period must have been like a great hot house, and that vegetable life existed under different laws from those which rule it at present.

Some of the ablest men in our country have worked hard at this study, and deserve the honor of being called the fathers of Canadian Geology. It is right to give their names.—The late Sir William Logan, Dr. J. W. Dawson of McGill College, Alfred B. C. Selwyn, Messrs. Murray, Dr. Sterry Hunt, Dr. Billings, Dr. Bigsby, Professor Chapman, &c. The Provincial Museum, 76 St. Gabriel street, Montreal, under the charge of Mr. Selwyn, is well worth a visit. The Museum is divided into two parts, one given up to the classification of rocks and minerals, and the other to the classification of fossils. The fossils are arranged in order, commencing with the lowest forms and rising to the highest, and a label is attached to each fossil, giving the generic and specific names, with its geological formation and locality. The number of fossils displayed in the museum is about 1,500, and the number is continually increasing. The officers of the Museum are always ready to give visitors every information, and they have expressed to the writer, their regret, that so few visit the building, and take an interest in their labors. The best elementary work on American Geology is "Dana's text book," prize \$2, and when some advance is made in the science, "The story of the Earth and Man," by Dr. Dawson of Montreal, will add fresh interest to its study.

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## HOW TO PREVENT FIRES.

Keep matches in metal or earthen boxes, and out of the way of children.

Do not deposit coal or wood ashes in wooden vessels, and be sure burning cinders are extinguished before deposited.

Never place a light or ashes under a staircase.

Never take a light to examine a meter.

Never take a light into a closet. Do not read in bed.

Stovepipes should be at least four inches from woodwork, and guarded by tin.

Be careful in making fires with shavings and other kindlings. Never put kindling wood upon the top of a stove to dry.

Do not put gas or other lights near curtains.

Fill lamps only by daylight, and never near a fire or flame.

Never leave clothes too near a stove or fire place.

Where furnaces are used, the principle register should be fastened open.

Never leave children in a room where fire or matches are unguarded.

Never pour out liquor within the range of an exposed light.

Covered lights should always be used when drawing ethereal oil, varnish, turpentine, &c.

Never throw a lighted cigar upon the floor, nor into a spitbox containing sawdust.

Never enter a barn or stable at night with an uncovered light.

Persons should never smoke in or about a barn or stable.

Place glass shades over gas lights in show windows, and do not crowd goods too close to them.

No smoking should be permitted in warehouses, especially where goods are packed, or cotton, or rags or paper stored.

In feed, broom, and cedar ware stores, no light should be used except a closed lantern.

Do not leave shavings or light fuel near a furnace, fire, or steam boiler.

On leaving a store, office, or other place where fires are kept, never close a stove draft after putting on coals.

Clean the floors of oil stores, drug warehouses, provision establishments, and factories, with sand instead of sawdust.

Keep cock-lofts clean of all sorts of rubbish, particularly articles of a greasy nature.

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Never close up your place of business in the evening without looking well to the extinguishment of lights, and the proper security of fires.

When retiring to rest at night, always see that your lights are safe.

Kindling wood in cellars should never be put near a window.

Hang sheeting over shelves of goods every night to preserve them from dust, smoke, and the water used in case of fire.

#### HOW TO ESCAPE FROM FIRE.

Be careful to acquaint yourself with the means of exit from the house, both at the bottom and top. Should a fire break out, send immediately to the nearest telegraph box or engine house.

Avoid all confusion. No person should be admitted into your house, except a fireman, a policeman, friend or neighbor.

If a lady's dress takes fire, she should roll herself in a rug, a piece of carpet, or the first woollen garment she can get hold of.

Shut the doors and windows in the room where the fire has broken out, as a current of air increases the force of the flames.

Should the bed or window curtains be on fire, lay hold of any woollen garment and keep it on the flames till extinguished.

If the staircase be burning, so as to cut off all communication, endeavor to escape from the window; if no assistance is at hand, and you are in an extremity, tie the sheets together, and having fastened one end to some heavy piece of furniture, let down the women and children, one by one, by tying the line of sheets around the waist; you can easily let yourself down when the helpless are saved.

If you can neither make your way upwards nor downwards, get into a front room; if there is a family, see that they are all collected here, and keep the door closed as much as possible, for, remember, that smoke always follows a draught, and fire always rushes after a smoke.

There is always from eight to ten inches of pure air close to the ground; if you cannot, therefore, walk upright through the smoke, drop on your hands and knees, and thus progress; a wet handkerchief, or a piece of flannel, or a worsted stocking drawn on the face, permits breathing, and to a great extent, excludes the smoke.

# The Accident Insurance Co. of Canada.

The first annual meeting of this Company was held at its office, 103 St. Francois Xavier St., on Saturday, the 27th Nov. A large number of stockholders were present, and evinced great interest in the progress of the undertaking.

The President, Sir Alex. T. Galt, was in the chair.

Mr. Rawlings, the Manager, read the report of the Directors, showing the transactions and present position of the Company, the principal features in which were as under:

That the total number of Policies issued was.....	1,713
That the amount assured by such policies was.....	\$3,852,500 00
That the premium revenue was.....	21,015 30
That losses had been paid, amounting to.....	1,024 86
That the present assets of the Company were.....	36,385 47
Independent of uncalled capital.....	100,000 00
That the surplus of assets over liabilities, independent of capital, and after deducting the required sums to provide for outstanding claims and unearned premiums, was.....	1,348 89
The subscribed capital was.....	125,000 00

The stock being held in thoroughly responsible hands and not transferable without the sanction of the Board.

These results, attained as they have been in the face of active competition and the exceptionally unfavorable financial year, may be considered of a satisfactory nature. The expenses of establishing a business which requires so large an extent of floating "materiel" at the different points, and wherein it is of such paramount importance to make its advent known by means of almost every available medium of advertising, have been necessarily heavy, but the great bulk being now disposed of and an extensive and valuable connection formed, the Directors regard these expenses as advantageously incurred, on behalf of the future, as well as the present interests of the Company.

In regard to the preliminary expenses the Directors have decided to extend these over a period of five years, debiting the first year with one-fifth, in addition to its own individual expenses. This, the Directors think a very favorable arrangement for the future years, the present being made to bear by far the heaviest proportion.

The Company has been fortunate in regard to the small amount of losses sustained, as a reason for which it may be stated that the business of the Company is almost entirely composed of the preferred classes of risks.

Every legitimate claim that had been made had been promptly and liberally met.

The dividend of 8 per cent, declared by the Directors is less than the amount obtained on the investments of the Company, so that the premium revenue has been untouched for that purpose. The Company will therefore have been not only self-sustaining during the year, but a valuable connection had been formed, a fair return made to the shareholders and an appreciable balance placed to reserve.

As an enterprise of the Dominion, encouraging the retention of Canadian money in the country, at the same time as fulfilling and liberally discharging its undertakings to its supporters, the Company ought, and no doubt will, soon take a leading position amongst the provident institutions of the Dominion.

The Company's introduction to the public has met with what, under

the severe Dominion, Branches Halifax, N.S. the amount tory.

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the severe circumstances surrounding the financial situation of the Dominion, may be fairly considered a flattering share of patronage.

Branches have been established in the cities of St. John, N.B., and Halifax, N.S., with an influential Board of Directors at each place, and the amount of business so far received therefrom has been very satisfactory.

The fact of this Company being confined to the business of Accident Insurance, whereby all its capital and funds are responsible solely for the one branch of business, has already established it favorably in the confidence of the public, and looking to the solid nature of its organization and the responsibility of its stockholders, it can confidently claim the preferable support of the public, which under energetic yet prudent management and supervision, and by means of the various arrangements and connections now completed, there is every probability of its securing in ensuing years.

Three Directors retire, but are eligible for re-election; the gentlemen retiring this year are Sir A. T. Galt, and Messrs. Jas. Rose and William Moore.

During the year a vacancy occurred in the directorate by the retirement of Mr. H. Cotté, which it will devolve on the shareholders to fill at this meeting.

The statements of receipts and expenditure and assets and liabilities are on the table for the inspection of the shareholders.

The PRESIDENT then read the balance sheets, item by item, and, having given explanations where desired, said he thought that under the circumstances of the financial depression the country had gone through, and for a new company having to compete with established organizations, they had done exceedingly well; and he felt sure, such was the reputation the company had already gained for fidelity to its contracts, and its liberal treatment of all questions affecting the more extended protection of its policy holders and the payment of claims, that the current year would prove the high estimation in which it is held by the community. As a company destined to be of great value, both as a means of retaining much of the monies that have hitherto been paid to foreign companies, in the country, and of disseminating the benefits which the nature of its business contemplated, he felt convinced that it would prove itself an undoubted success. The report was one which he thought was a very satisfactory one, and he had much pleasure in moving its adoption.

Mr. RANKIN seconded the motion, which was carried unanimously.

The by-laws were then read by the manager and approved.

It was moved by Mr. WALKER, seconded by Mr. TIFFIN, and carried unanimously:—

That the thanks of the shareholders are due and are hereby tendered to the Directors for their valuable services in the past year, and that the sum of \$1,000 be voted them therefor; and further, that the sum of \$1,000 be allotted out of the funds of the Company, in each future year, to the Directors, in return for their services, to be divided by them as they shall deem fit.

The PRESIDENT, in returning thanks in behalf of himself and his confreres at the Board said that they were glad to be able to meet the shareholders with so satisfactory a result at the end of their first year. The time and consideration given by them to the affairs of the Company were, he could assure them, by no means insignificant. They were very desirous to see this one of the leading Canadian Provident Institu-

tions, and he believed that they would realize their object. He could only say that they would in no way relax in their efforts to place the Company in the foremost rank of similar institutions in the country. (Applause.)

Mr. JOHN RANKIN proposed, seconded by Sir A. T. GALT:—That the thanks of the Shareholders be accorded Mr. Rawlings, for his efficient services, in the formation of the Company and the management of its affairs up to the present time.

Sir A. T. GALT, in seconding, said that this resolution was heartily concurred in by himself and the whole of the Board.

MR. RAWLINGS begged to thank the mover and seconder for their kind expressions, and the meeting for their vote. The progress so far made was the result of very uphill work, but with the invaluable aid and co-operation of the Directors, always so cordially accorded him, he looked forward to great success for this Company in the future. There were now it was true, a number of "mixed" companies spreading their sails, where their charters enabled them, to catch any accident business there might be in the wind, thus tending to subdivide the field for this business into somewhat narrow limits; but this company, being an Accident Company, *pure and simple* of itself, and the only one in Canada—not a mere adjunct or tributary of a Company transacting other branches of business—he had no doubt that it would not fail to receive, as such, the fullest confidence of the public. The scarcity of money had doubtless seriously affected the business of the past year, especially in the agencies, and hence the expenses, in proportion to results appeared larger than would otherwise have been the case. With a more favorable circulation of money, and the prestige for liberality and fair dealing that this Company had already attained, he doubted not that in the ensuing year with the united exertions of the influential body of Agents they now possessed, a much larger business would be accumulated and at much less comparative expense. He believed that this Company, standing on its merits as an honorable and liberal one in all its dealings, and untrammelled by responsibility for the losses or expenses of other branches or classes of business—would soon firmly establish itself in the Dominion—and justify its title to the name of *The Accident Insurance Company of Canada*.

The scrutineers reported the retiring Directors re-elected and Mr. Andrew Robertson was elected to the vacant seat at the Board.

Mr. HATTON proposed, seconded by Mr. W. J. M. JONES, that the thanks of the meeting be given to Sir A. T. Galt for his services in the chair. Carried unanimously.

At a subsequent meeting of the Board Sir A. T. Galt was re-elected President, and John Rankin, Esq., Vice-President, for the ensuing year.

The Office-Bearers for 1876 are as follows:

SIR ALEX. T. GALT, PRESIDENT. | JOHN RANKIN, Esq., VICE-PRES'T.

DIRECTORS.

R. J. REEKIE, Esq.	THOS. CRAMP, Esq.
ANDREW ROBERTSON, Esq.	D. L. MACDOUGALL, Esq.
JAMES ROSE, Esq.	EDWARD MACKAY, Esq.
JOHN MOLSON, Esq.	WM. MOORE, Esq., Quebec.

SOLICITOR.

J. C. HATTON, Esq.

AUDITORS.

MESSRS. EVANS & RIDDELL.

MANAGER.—EDWARD RAWLINGS.

Head Office, Corner St. Francois Xavier & Notre Dame Sts., Montreal.

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# 1st ANNUAL REPORT.—January 20, 1875.

CANADA AGRICULTURAL INSURANCE COMPANY'S OFFICES,  
MONTREAL, JANUARY 20th, 1875.

GENTLEMEN,—The organization of this Company which was undertaken a little over one year ago has been accomplished, the Capital Stock of \$1,000,000, all subscribed, and the first call of 10 per cent. all paid in.

The Deposit was made with the Receiver General, the Government License granted, and our first Policy of Insurance issued in May, 1874, (8 months ago.)

Before commencing business, your Directors entered into negotiations with the Agricultural Insurance Company of Watertown, N. Y., for the transfer of their Canadian business, which resulted in the re-insurance of their entire business in the Dominion, and upon terms which your Directors considered advantageous to our Company, although, many who seemed to feel unfriendly toward us, predicted that the arrangement was one which would surely lead the Company to ruin within twelve months from its organization.

In accepting a transfer of the Canadian business of the Watertown Company, which had been doing business in Canada for several years, we were undertaking all the cares and heavy responsibilities of an old Company carrying a full line of three years risks. Upon making an inspection of the business, it was found necessary to inaugurate a thorough reconstruction of the Agency system, many of the old agencies were discontinued and new ones planted. A large number of the Agents were occupying too much territory, this had to be divided, and in many cases subdivided. Risks were inspected, and many of them were cancelled or changed, in fact an enormous amount of work had to be done which taxed the management *very heavily*, as the changes in the old business, and the systematizing of the new, required the oversight and direction of experienced hands, who understood every part of the complicated machinery, and could act promptly, intelligently and decisively;—this work has all been successfully accomplished, and a large and progressive business established.

The volume of business actually done, we consider somewhat remarkable, considering that only risks upon insulated or detached Farm Property, Residences, and Churches are accepted (averaging only about  $\frac{1}{4}$  of a cent per annum on the \$1.00, and taking into account the difficulties incidental to the organization of all large Corporations, we feel that our record thus far is one we may justly be proud of;—it shows conclusively that we have been warmly supported by the public, and that we enjoy their fullest confidence.

Your Directors in congratulating the Shareholders upon the success we have attained, would impress upon each, individually, the great importance of taking an active interest in soliciting new business for the Company, and never losing an opportunity of advocating its claims upon the public for support. By so doing we feel confident our business operations can easily be doubled within the present year.

All of which is respectfully submitted,

A. C. DEL HARWOOD, *President.*

EDWARD H. GOFF, *Managing Director.*

RECEIPTS.—In 8 Months.

Premiums received.....	\$109,892.68
Interest.....	459.27
“ accrued.....	7,648.05
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	\$112,999.60

CASH ASSETS.—January 1st, 1875.

Office Furniture and Rent	
Head and Branch Offices	\$ 5,945.00
Receiver General on Deposit	50,000.00
Municipal Debent's on hand	5,000.00
Bills Receivable.....	64,745.84
Agency Balances.....	11,852.23
Interest accrued.....	2,648.05
Cash on hand and in Bank	11,479.93
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	\$151,162.65

1460  
225.73

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225.64

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CANADA

# Agricultural Insurance Company

CAPITAL, . . . . \$1,000,000

HEAD OFFICE:

No. 130 ST. JAMES STREET, MONTREAL.

BRANCH OFFICES:

COBOURG,

WILLIAM T. FISH, General Agent.

OTTAWA,

WILLIAM. H. CLUFF, General Agent.

QUEBEC,

THOMAS H. MAHONY, General Agent.

HALIFAX,

R. G. TREMAINE, General Agent.

JAMES H. SMITH,

JOSEPH FLYNN,

} INSPECTORS.

COL. A. C. DEL. HARWOOD, D. A. G., PRESIDENT,

WILLIAM ANGUS, Vice-President,

EDWARD H. GOFF, Managing Director.