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R. & A. MILLER'S

PIRMER'S LIMINIC

FOR THE YEAR OF OUR LORD

1859



Being the third after Bissextile or Leap Year, and until 20th June, the Twenty-Second Year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude 45° 30' 26" North, and Longitude 73° 24' 22" West, from the Royal Observatory, Greenwich, but arranged so as to serve without essential variation for all parts of Canada, East and West.

EDITION OF TWELVE THOUSAND.

MONTREAL:

SOLD BY JOHN DOUGALL.

36 GREAT ST. JAMES STREET,

PRINTED BY JOHN LOVELL, ST. NICHOLAS STREET.

317.1 MAGI

# Explanation of Calendar Pages.

The Publishers of this Almanac, with a view to increase its circulation and usefulness, have adapted its calculations for the whole country. The Moon's changes are given for four different places, viz.: Montreal, Kingston, Toronto, and London. The rising and setting of the Sun are given for Montreal and Toronto. The Sun's declination North or South is given as usual. 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 celebrated Dr. Herschel; and, for extraordinary accuracy, Miller's Almanac has attained unprecedented popularity.

# Chronological Cycles.

Dominical Letter	Julian Period6572 Jewish year commencing Jan. 14th, 1858
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# Mobeable Festivals.

Septuagesima Sunday	une 2 ne 12 ne 19 ne 23
Easter Sunday April 24   Advent Sunday	v. 27

# Wolfdays obserbed at Public Offices.

Circumcision	Corpus ChristiJune 23 St. Peter and St. Paul "29 All Saints DayNov. 1 Conception of the Blessed Virgin MaryDeg, 8 Christmas Day # 25
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### ECLIPSES DURING THE YEAR 1859.

During this year there will be six Eclipses—four of the Sun, and two of the Moon.

I .- February 2nd. A partial Eclipse of the Sun, not visible in any

part of Canada.

H .- February 17th. There will be a total Eclipse of the Moon, early in the Morning, visible throughout Canada. This Eclipse commencesat Montreal, three minutes past four; at Kingston, fifty minutes past three; and at Toronto, forty minutes past three. The Eclipse will be total at Montreal from 5.0 to 6.38; at Kingston from 4.47 to 6.25; and at Toronto from 4.37 to 6.15. The Moon will set from four to eight minutes after sunvise and with about one-third of it eclipsed at the

III .- March 4th. Partial Eclipse of the Sun, invisible.

IV .- July 29th. In the afternoon there will be a partial Eclipse of the Sun, lasting only a few minutes, and occurring about an hour before sunset. Visible in Canada.

V.—August 13. A total Eclipse of the Moon; not visible here.
VI.—August 28. There will be a partial Eclipse of the Sun, but not

visible in Canada.

### DURATION OF THE SEASONS, &c.

	D.	H.	M.	12 02 1 2 1 2 1 2 P.	H.	M
Sun in Winter signs	89	1	19	Tropical year365	5	55
Sun in Spring signs	92	20	37	Sun North of Equator 186	10	49
Sun in Summer signs	93.	14	12	Sun South of Equator 178	19	6.
Sun in Autumnal signs .	89	17	47	Difference 7	15	43

Vernal Equinox begins March	20,	4 28	Even.
			Even.
Autumnal Equinox "	23,	3 17	Morn.
Winter Solstice 4	21.	9: 4	Even.

### ney wed brill - Trackal APPEARANCE OF PLANETS, 1859, at lamina as

Until September 27th, Venus will be the Morning Star; then Evening Star the rest of the year. Until July 21st, Mars will be the Evening Star; then Morning Star the rest of the year." Jupiter will be Evening Star until June 25th, then Morning Star the rest of the year Saturn! will be Morning Star until Jan. 29th, then Evening Star until August. 8th, then Morning Star the rest of the year. The Planet Mercury can be observed most favorably on the 30th of March, 28th of July, and 22d of November, when it will be West, not far from the place of sunset; also on the 24th of January, the 22nd of May, and 16th of September, when it will be in the East, just before sunrise.

M	oon's I	hases.	M	ontreal	. Kin	ngston.	Toronto.	London.	Sun on Merid.			
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7	DAYS.	Mon	treal.	Tor	onto-	Sun's Declins						
м.	Week	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South	R. & S.		Aspects, &c.			
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9 10 11 12 13 14 15	B. Mon, Tues. Wed, Thu, Fri. Sat.	44	4 31 32 33 34 35 37 38	7 38 38 37 37 37 36 36	4 36 37 38 40 41 42 43	22 6 21 58 21 48 21 39 21 29 21 18 21 7	10 17 11 22 Morn. 0 29 1 39 2 54 4 11	Fine wints Pleasant. Snow or ra Changeabl	dn,			
16 17 18 19 20 21 22	B. Mon. Tues. Wed. Thu. Fri. Sat.	7 40 39 39 38 38 37 36 35	4 39 41 42 43 45 46 47	7 35 35 35 33 33 32 31	4 44 45 46 48 49 50 52	20 56 20 44 20 32 20 20 20 7 19 54 19 40	5 26 6 21 Rises. 6 3 7 23 8 40 9 52	Feed cattle	amply. They it pays better g them.			
23 24 25 26 27 28 29	B. Mon, Tues, Wed. Thu. Fri, Sat,	7 34 33 33 32 31 81 30	4 49 51 52 53 54 56 58	7 31 39 38 26 25 25 34	4 53 54 56 57 58 5 00 01	19 26 19 12 18 57 18 42 18 27 18 11 17 88	11 4 Morn. 0 11 1 20 2 26 3 32 4 31	3d Sunday a	w. pleasant.			
30	B. Mon.	7 29 28	4 59 5 00	7 23 43	5 02 5 04	17 89 17 22	5 23 6 4	4th Sunday o	fter Epiphany.			

JANUARY.—Mind how you carry your stock through winter. When an animal is kept comfortable, it keeps fat; when it suffers, fiesh wastes. All wants should be promptly supplied. If an animal shivers in the cold, you may surely know that it requires shelter in the stables or sheds. If damp and dirt annoy it, ourry it and give it clean litter. If delay in its stated meals causes fretting, then always be scrupulously regular: A bad farmer wastes tons of hay by throwing it under foot in the dirt, instead of into feeding-racks; he wastes other tons by the increased quantity shivering animals require, being exposed to cold, winds. Exposure and dirt help to waste flesh.

M	oon's I	hases.	M	ontred	ft. Kingston. To			Toronto.	London.	Sun on Merid.			
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I	DAYS. Mont		YS. Montreal.			Sun's Declin		The Moon.					
M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South	1.	R. & S.	Calendar, Aspects, &				
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13 14 15 16 17 18 19 20 21 22 23 24 25	B. Mon. Tues Wed. Thu. Fri. Sat. B. Mon. Tues Wed Thu. Frier.	7 11 9 8 6 4 3 1 7 00 6 59 57 56	5 18 19 20 22 24 25 27 5 28 30 32 34 35 37	7 7 6 4 2 1 6 00 59 6 57 56 55 54 52 52 54 58	5 18 19 20 22 24 25 27 5 28 80 31 33 34 35 37	13 2 13 1 12 4 12 1 18 5 11 3 11 1 10 5 10 3 10 1 9 4 9 2	1 9 9 9 9 7 6 5 5 8 1	4 13 5 9 5 55 Rises. 6 11 7 28 8 41 3 Morn. 0 14 1 19 2 2 11 3 16	6th Sunday, Valentine I Less inter Getting m These two stormy. Very fine Septuagesir Good pro sant week. Rather co St. Matthia Moderatin	arter Epiphany lay, sity of cold, noderate, days somewhal day, na Sunday, spect of a plea older.			
27 28	В.	6 49	5 39 40	6 47 45	5 38 39		0	4 3 4 41	Sexagesima	***************************************			

FFBRUARY.—Don't laugh at making cattle ...mfortable. If they are not so, you will pay for it. Always give enough of good food at regular seasons. Keep all cattle, sheep, and pigs well sheltered, and let them not shiver away their flesh in cold winds, and snow or rain storms. Have plenty of good water at hand. Cattle suffer more from thirst in winter than in summer. You will find it of great advantage to mix freely with the dry food, ruta baga, carrots, and other roots. Give the best attention throughout the winter to all your domestic animals, and do not trust too much to your hired help. See for yourself.

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Moon's Phases.		M	ontreal	. Kingston.		Toronto.	London.	Sun on Merid				
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13 14 15 16 17 18	Mon. Tues,	18	5 58 59 6 1 2 3 4 5	6 22 20 18 16 15 12	5 58 6 1 2 8 4	2 55 2 32 2 8 1 44 1 21 0 57 0 33	3 3 51 4 28 4 50 5 26 Rises. 7 29					
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27 28 29 30 31	B. Mon. Tues. Wed. Thu.	52	6 17 18 19 20 21	5 56 54 53 51 50	6 17 18 20 21 21	2 35 2 58 3 22 3 45 4 8	2 38 3 12 3 41 4 6 4 26	2 38 3d Sunday in L 3 12 There may be 3 41 weather at the 4 6 this month.				

MARCH.—Finish winter jobs before the driving work of the spring begins. Have all your implements in readiness for the approaching season. Plows, carts, harrows, rakes, and other tools should be put into good order; if not, your work will be hindered. Put and keep things in their proper places, that men and horses may not stand idle. Draw firewood, cut it up and house it, that good dry wood may be always at hand, and the women folks kept from scolding. Wet wood is an abomination, causing smoke in the kitchen, soreness in the eyes, sour bread, and meals delayed. Pay good attention to cows with young calves.

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1 2	Fri. Sat.	h. m. 5 46 45	h. m. 6 22 23	h. m. 5 47 46	h. m. 6 21 22		fin. 31 35	4	m. 44 ets.	All-fools' Day, so called. Fair and fine.						
3 4 5 6	B. Mon. Tues. Wed.	5 42 41 39 39	6 24 25 27 29	5 44 42 40 38	6 23 25 27 28	5 4	8 1 8	7 8 9 10	7 17 30 45	4th Sunday in Lent. There will be rain durin most of this week.						
5000	Thu.	35 33 32	30 31 32	36 36 35	29 31 32	6 4	9	11	55 57	Changeable, Clearer.						
10 11 11 11 11 11 11 11	B. Mon. Tues, Wed. Thu. Fri. Sat.	5 30 28 26 24 22 20 18	6 33 34 36 37 38 40 42	5 33 31 28 26 24 23 21	6 33 34 35 36 37 39 40	8 1 8 4 9 9 2 9 4	66 8 0 2 2 2 5 6	1 2 3 3 3 4 R	47 29 0 28 50 13 ises.	5th Sunday in Lent. Inclement weather. Some signs of spring. Clear day, cool Ploughing already in par west of Montreal. Some rain.						
1: 1: 2: 2: 2:	B. Mon. Tues. Wed. Thu. Fri.	5 17 15 13 11 10 8	6 43 44 45 47 48 49	5 20 18 16 14 13	6 41 42 43 44 45 46	11 11 8 11 5	7 8 9 0 0 1	7 8 9 10 11 Mc	30 41 50 53 48 7n.	Sunday before Easter. Look out for rain, and considerable too, during to week.  Good Friday.						
23	Sat, B.	5 5	6 51	5 8	6 48	12 3	1		12	St. Geoege's Day.  Easter Sunday.						
25	Mon. Tuesa -Wed. Thu. Fri. Sat.	3 2	53 54 56 57 58 59	5 4 2 5 0 5 0	49 51 52 53 54 55	13 1 13 3 13 4 14 *14 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 2 2 3 3	42 8 29 47 7 28	St. Mark. The week will probably fair and fine, such being t Lunar indications. Spring like.						

April.—Repair your fences, Lying up fallen rails, nailing loose boards, and rebuilding tumbling walls. Where you can do so, prepare ground for crops. Draw out manure, harrow it well into the ground, then harrow it under: thorough mixture in this way will render it of double value. Ground for ruta baga should be got into good order early, and occasionally stirred to destroy all weeds before the crop is sown. There is not enough breadth of root-crops sown in Canada. They pay well. Avoid hasty and superficial plowing. Cut straight, deep, and narrow furrows. Keep your working animals in good order.

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15 15 15 19 19 20 21	Tues. Wed. Thu.		7 17 18 19 20 21 22 23	4 40 39 38 37 36 35 34	7 12 13 14 15 16 17 18	18 51 19 2 19 19 19 32 19 45 19 58 20 10		3 29 Rises. 8 38 9 37 10 27 11 6 11 41	3d Sunday a Pleasant d The weath for some d work must	ay. er fai lays.	r and fine
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29 30 31	B. Mon. Tues		7 32 33 34	4 28 27 27	7 26 26 27	21 37 21 46 21 55	3	2 14 2 47 Sets.	5th Sunday of Changeabl Rather un	e.	Easter.

MAY.—Short working season in Canada. Make vigorous preparation to put in crops. Plant and sow every thing in the best manner possible. Thorough work is the surest economy. Plant corn early: more is lost from late than early planting. Make straight rows, to admit of easy, clean, and neat cultivation. Plant field-beets, carrots, and other root-crops, in rich, mellow, clean soil; and save three quarters the labor of hoeing when the weeds are not an inch high, and before they consume the riches of the soil. Look once more and see that your fences are in good order.

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Moon's Phases,

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M. Week	Sun Rises.		Sun Rises.	Sun Sets.	Nor	rth.	R. & S.	Calendar,	Aspe	ects. ecc.
1 Wed 2 Thu 3 Fri. 4 Sat.	h, m. 4 20 20 19 19	h.m. 7 34 36 37 37	h. m. 4 27 27 26 25	h. m. 7 28 29 30 31	22	Min. 3 11 19 26	h. m. 8 33 9 36 10 23 11 04	Fine day.  Ascension Day.  Some thunder.  Warmth and rain.		
5 B. 6 Mon 7 Tues 8 Wed 9 Thu 10 Fri. 11 Sat.	17	7 38 39 40 40 41 42 42	4 24 24 24 24 24 24 24 24 24	7 31 32 32 33 34 34 35	22 22 23	33 39 45 51 56 1 5	11 34 12 0 Morn. 0 22 0 45 1 7 1 32	Sunday after Ascension According to the mo change, this week is ext ed to be fine, but the war is great.  St. Barnabas.		he moon's is expect-
12 B. 13 Mon 14 Tues 15 Wed 16 Thu 17 Fri. 18 Sat,	l. 16	7 43 43 44 44 44 45 46	4 23 23 23 23 23 23 23 23 23	7 36 36 37 37 38 38 38	23 23 23	9 13 16 19 21 23 25	2 0 2 34 Rises. 8 22 9 5 9 41 10 10	Whit Sunday, Whit Monday, Whit Tuesday, The signs are for v		
19 B. 20 Mor 21 Tue 22 Wed 23 Thu 24 Fri. 25 Sat.	s. 16 1. 17 17 18	7 46 46 47 47 47 47 47 46	4 23 23 24 25 25 25 25	7 39 39 40 40 40 39 39	23	26 27 27 27 26 26 26 24	10 35 10 55 11 14 11 33 11 51 Morn. 0 14	Trinity Sunday, Pleasant day. So also this. But now a che rain will come. ST. JOHN BAPTIST		
26 B. 27 Mor 28 Tue 29 Wed 30 Thu	s. 19 1. 20	7 46 46 46 46 46	4 26 26 26 27 27	7 39 39 39 39 39	23 23 23 23 23 23	22 20 18 15	0 40 1 12 1 55 Sets. 8 13	1st Sunday Cool rain, St. Peter's Hot day	if wir	Trinity.  id be west.

JUNE.—The crops for the season being now mostly planted, see that weeds do not devour them. "A stitch in time saves nine" whether applied to pantaloons or potatoes. Destroy the cockle, chess, mustard, and red-root, for these weeds destroy or steal the wheat. Go over the field several times, and let none escape. Plow-in Canada-thistles deeply and thoroughly; continue it once a month during the summer, and by mid-autumn they will be killed and the land ready for wheat. Sow corn for fodder, sowing it thick in furrows plowed two or three feet apart. Sow ruta baga from the first to the middle of the month.

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Moon's	Phasus.	Mo	ntreal	. Kin	agston,	2	Coronto.	London.	Sun on Merid.	
Full M	Quarter, oon, uarter,	7 1 14 7 21 10	m. 00 mo, 59 ev. 34 ev. 50 ev.	7 4	m. 48 mo. 47 mo. 22 ev. 38 ev.	7	11 ev.	h, m. 0 29 mo. 7 28 ev. 10 3 ev. 4 19 ev.	d. h. m. s. 1 12 3 37 9 12 4 51 17 12 5 48 25 12 6 13	
DAYS	Mon	treal.	Toro	nto,	Sun		The Moon.	0-1	A	
m. Wee	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Nort	h.	R. & S.	Calendar,	Aspects, &c.	
1 Fri		h. m. 7 46 46	h.m. 4 27 28	h. m. 7 39 39	Deg. M 23 23	fin. 8 3	h. m. 8 55 9 35	The month opens w		
3 B. 4 Mo 5 Tu 6 We 7 Th 8 Fri 9 Sai	es. 23 ed. 24 u. 25 . 26	7 46 45 45 44 44 44 44	4 29 30 30 31 32 33 34	7 39 38 38 38 38 38 37 36	22 5 22 4 23 4 23 3 22 3	19 14 18 18 16 10	10 1 10 26 10 49 11 10 11 35 Morn. 0 3	2d Sunday after Trinity Thunder and lightning Symptoms of rain; weather settles and is a and fine.		
10 B. 11 Mo 12 Tu 13 We 14 Th 15 Fri 16 Sat	n. 28 es. 28 ed. 29 u. 30	7 43 43 42 41 41 41 40	4 34 34 35 36 37 38 39	7 36 36 35 34 34 33 32	22 22 21 5 21 4 21 3	6 8 0 11 12 13	0 35 1 13 2 1 2 55 Rises. 8 13 8 39	Fair but v	d is settled, but S. or S. W., then	
17 B. Mo 19 Tue 20 We 21 The 22 Fri 23 Sat	n. 34 es. 35 d. 35 d. 36	7 39 38 37 36 35 34 83	4 40 41 42 43 43 44 46	7 32 31 30 29 29 28 27	21 20 5 20 4 20 3 20 1		9 0 9 18 9 38 9 57 10 17 10 40 11 9	4th Sunday after Trinsty Variable weather. St. hot. Thunder distant. Great rain-storm in so parts of Canada; not geral.		
24 B. 25 Mo 26 Tue 27 We 28 The 29 Fri 86 Sat	n. 40 es. 41 d. 42 u. 43 44 46	7 32 31 30 30 28 27 26	4 46 47 18 9 49 50 51	7 26 25 24 23 22 21 21	19 4 19 2 19 1 19 18 4 18 3	18 5 1 7	11 46 Morn. 0 33 1 37 2 51 Sets. 7 46	St. James. St. Ann. Fair and continue fir month.	fine, and will the through the	

JULY .- Keep a good look out against the weeds. They have been properly compared to an army of robbers. They devour more of the riches of the soil, and of the weight of the crops, every year than would feed the army of Napoleon. Would you allow a drove of strange cattle to range your fields a single night? Then why permit a host of weeds to devour their strength a whole season, and then bequeath their pernicious deeds, in the shape of seeds, to a race of successors. Keep weeds and rass well cleared away from young fruit trees, and the soil clean and a ellow. Neither a young tree nor a hill of corn can thrive in a weed-bed.

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7 8 9 10 11 12 13	B. Mon. Tues. Wed. Thu. Fri. Sat.	4 56 57 58 59 5 1 2 3	7 16 14 12 11 9 8 7	5 0 1 2 3 5 6 7	7 12 10 8 7 5 4 3	16 2 16 1 15 5 15 3 15 1 15 1	0 3 6 8	11 Mo 0 1 2 Ris 7	50 47 48	7th Sunday after Trinity. There will be continuane of showery weather through out this quarter of the moon Changeable.  8th Sunday after Trinity. Harvesting is now advancing with favorable weather. Some thunder showers. Unsettled weather.  9th Sunday after Trinity. Changeable. Some rain. 8th Bartholomew. Unsettled weather continues. Now clearer.		
14 15 16 17 18 19 20		6	7 5 8 2 1 6 59 57 55	5 8 9 10 11 12 13 14	7 1 6 59 59 57 56 54 52	13 4 13 2	5 6 7 8	7 7 8 8 8 9	24 43 3 23 46 11 43			
21 22 23 24 25 26 27	B. Mon. Tues, Wed. Thu. Fri. Sat.	5 12 13 14 16 18 19 20	6 54 52 50 48 46 45 43	5 16 17 18 19 20 21 22	6 50 40 47 46 44 43 40	11 4 11 2 11 10 4 10 2	9 8 7	0 1 3	26 19 rn. 26 43 3 ets,			
28 29 30 31	B. Mon. Tues. Wed.		6 41 40 38 36	5 24 25 26 27	6 38 37 36 34	9 2	5 3 2 10	6 7 7 8	49 15 39 5		after Trini	

August.—Pursue vigorously your summer work. Finish haying and harvesting. Cut wheat a week or two before dead ripe, and the grain will weigh more, give less bran, and not shell in harvesting. The straw will be worth double. Secure the gleanings by a horse-rake. If it rains, harrow wheat and barley stubble to start the weeds, which plough under as a green crop. Take great pains to have clean seed-wheat, cleaning out all foul stuff, and especially the seeds of that deceiful, invisibly insinuating, rapidly multiplying weed, chess. Some farmers, by great pains every year, have at last totally expelled it from their farms.

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9TH MONTH. SEPTEMBER, 80 Days. Begins on Thursday.

Me	on's P	hases.	Me	ontreal	. Kin	ngston.	3	Toro	nto.	London.	Sun on Mer	rid.
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11 12 13 14 15 16	B. Mon. Tues, Wed. Thu. Fri. Sat.	42	6 16 14 12 10 7 6 4	5 39 40 41 43 43 45 46	6 15 13 11 9 8 7 5	4 3 4 1 3 4 3 2 3 2 4 2 1	2 9 6 3	Ris 6 6 7 7 8	ses. 10 28 50 15 46 24	Windy sea	, but unster rain. leasant.	13
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September.—Cut underdrains through wet land. Drain muckswamps. Get out and draw swamp-muck to mix with barn-yard manure. Still continue to destroy weeds. Put land into the best condition before sowing wheat. Manure will do well and much improve the crop if it be well pulverized and thoroughly intermixed with the soil by repeated harrowings. Take great pains to sow only the cleanest seed. These hints are more particularly intended for farmers in Upper Canada. Commence fattening hogs. Feed them regularly. Don't let them squeal their flesh away by waiting for their stated meals. In feeding corn, let it be ground.

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Mo	on's P	hases.	M	intreal	. Kin	igston.	T	oros	nto.	h. m. d. h. r. 3 7 ev. 1 11 4 6 26 ev. 9 11 4 6 17 mo. 17 11 4		
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2345678	B. Mon. Tues. Wed. Thu. Fri. Sat.	6 4 5 7 8 9 11 12	5 35 33 31 30 27 25 24	6 3 4 5 6 7 8	5 36 34 33 32 29 27 26	3 33 3 56 4 19 4 42 5 6 5 29 5 52		9 10 11 Mo 0 1	30 30 35 rn. 36 39 40	15th Sunday after Trinity Very variable weath throughout this quarter the Moon. Rain and rather cold. Changeable. Fair, cool, fine day,		
9 10 11 12 13 14 15	B. Mon. Tues, Wed. Thu, Fri. Sat.	6 12 14 15 16 18 20 21	5 21 20 19 17 14 12 9	6 10 11 12 14 15 16 17	5 24 22 20 19 17 15 13	6 14 6 37 7 0 7 23 7 45 8 8 8 8		3 4 Ri 5 5 6 7	41 45 ises. 19 49 24 8	16th Sunday after Trinity. This quarter of Moon in dicates rain if wind be sout or south-west; fair, if north west.		
16 17 18 19 20 21 22	B. Mon. Tues. Wed. Thu. Fri. Sat.		5 7 5 4 2 1 4 59 57	6 19 20 21 22 24 25 27	5 12 9 8 6 5 3	8 52 9 14 9 36 9 58 10 19 10 41 11 2		8 9 10 11 Mo	6 14 27 43 rn. 1	17th Sunday after Trinit; Cool and fine. St. Luke. Fair weather most of the next few days, but pret cool nights.		
23 24 25 26 27 28 29	B. Mon. Tues. Wed. Thu. Fri. Sat.		4 55 53 52 59 49 47 46	6 28 29 30 31 32 33 35	4 59 58 57 56 54 53 52	11 23 11 44 11 5 12 26 12 46 13 7 13 27		3 4 8 5 5 6 7	31 46 ts. 1 39 25 18	Strong wi north-west, south or so look for rai	outh-west, then n. nd St. Jude.	
30 31	B. Mon.	6 42 43	4 46 45	5 38	5 50 48	13 47 11 6		8 9	17 21	19th Sunday after Trinit Coming storms.		

Ocrossa.—Harvest autumn crops; husk corn; dig potatoes; get up ruta bagas and field beets by the end of the month. Your potatoes will be less liable to rot if dug when the ground is dry and not muddy. They should be kept as cool as possible, well ventilated, and affected ones should be picked out and thrown aside. The best way to keep potatoes is to bury them first with a foot of packed straw, and then three inches of earth. Ventilation may be secured by wisps of straw set in holes in the top of each heap. Winter apples intended for sale or keeping, must be carefully picked by hand, using suitable ladders, which will not bruise the trees.

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# 11 TH MONTH. NOVEMBER, 80 Days. Begins on Tuesday.

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13 14 15 16 17 18 19	B. Mon. Tues. Wed. Thu. Fri. Sat.		4 26 25 24 23 22 21 20	6 56 58 7 00 1 2 3 5	4 32 31 30 29 28 27 27	17 5 18 1 18 2 18 4 18 5 19 1 19 2	4 9 4 9 4	7 8 9 10 Mc 0	5 17 31 50 orn. 5	This week unpleasant chiefly co	d, damp, or epare for your	
20 21 22 23 24 25 26	B. Mon. Tues. Wed. Thu. Fri. Sat.	14	4 19 18 18 17 16 15	7 6 7 8 10 11 12 13	4 26 25 25 24 24 23 22	20 2	5 8 1 3 5	2 3 4 8e 4 5	30 42 54 48. 17 8	22d Sunday after Trinity Pleasant day, cold. St. Cecitic. Downfall of some kind, very likely snow. St. Catharine. Clear day, cold night.		
27 28 29 30	B. Mon. Tues. Wed.	23	4 15 14 13 13	7 15 16 17 18	4,21 21 20 19	21 1 21 2	8 9 9	6 8 9 10	56 11 14 16	The month ends disagr		

NOVEMBER.—If not already done, finish speedily the getting in of root crops, and see that they are secured from frost and snow. Collect all tools, as plows, harrows, carts, hoes, &c., and see that they are kept from the weather. Transplant hardy fruit and ornamental trees, and let them be well staked from the action of the wind. Apply manure as a top-dressing wherever needed; it will not now evaporate, but soak into the soil. Grafts for next spring may now be cut, and packed in damp moss or sand; grapes pruned, and the cuttings preserved. Strawberry and asparagus beds should now have a top-dressing of rich manure. Prepare for winter.

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# TOTE MOSTS. DECEMBER, 31 Days. Begins on Thursday.

Moon's Phases. Me		intreal	. Kin	agston.	Toronto.	London. Sun on 1	derid.		
First Quarter, Eull Moon, Sast Quarter, New Moon.		2 8 9 10 16 4	56 mo. 8 44 mo. 8 19 ev. 10 7 ev. 9 22 ev. 4 10 ev. 3		h. m, 8 32 mo, 9 56 ev. 3 59 ev. 0 28 mo.	8 24 mo. 1 11 9 48 ev. 9 11	m. s. 49 12 52 31 56 18 9 17		
DAYS.		Montreal.		ntreal. Toron			t. Moon.		
M.	Week,	Sun Rises:	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	Calendar, Aspects, &c.	
1 2 3	Thu. Fri.	h. m. 7 26 28 28	h. m. 4 12 12 12 12			Deg. Mi 21 49 21 58 22 7	n. h. m. 11 17 Morn. 0 18	This month begins angrily,—weather rough. Wind and sleet.	
4 5 6 7 8 9		7 29 30 31 32 33 33 35	4 11 11 11 11 11 11 11	7 22 24 25 26 27 28 28	4 18 18 17 17 17 17 18 18	22 15 22 23 22 30 22 37 21 44 22 50 22 55	1 19 2 21 3 28 4 37 5 48 Rises. 4 48	2d Sunday in Advent. If wind from N. W., Cold wintry day. Pleasant overhead. Conception of B. V. M. This quarter of the will most likely be fine	snow.
11 12 13 14 15 16 17	Wed. Thu.		4 11 11 11 11 12 12 33	7 29 30 31 32 32 33 33	4 18 18 18 18 18 19 19	23 1 23 5 23 10 23 13 23 17 23 20 23 22	6 1 7 21 8 40 9 55 11 8 Morn, 0 21	3d Sunday in Advent. considerable hard for Some good sleighin Lower Canada, but in I	rost.
18 19 20 21 22 23 24	Mon.		4 12 13 13 14 14 15 15	7 34 36 36 37 37 37 38 38	4 20 20 20 20 20 21 21 21 22	23 24 23 25 23 26 23 27 23 27 23 27 23 27 23 23	1 33 2 45 3 56 5 5 6 14 Sets. 4 54	4th Sunday in Advent. Canada not much. Pleasant day. St. Thomas. REMEMBER THE Pool Prepare to pay your and keep out of debt.	R.O.
25 26 27 28 29 30 31	B. Mon. Tues. Wed.	45	4 16 16 17 18 18 19 20	7 38 38 38 39 39 39 39	4 23 24 24 25 26 26 27	23 24 23 23 23 20 23 17 23 14 23 10 23 .6	5 56 7 2 8 4 9 5 10 5 11 6 Morn.	CHRISTMAS DAY. St. Stephen. St. John Evangelist. Holy Innocents. The year ends with frosty weather, but agreeable.	haed

DECEMBER.—Spend your time profitably these winter nights. Lay plans for the future. Much time and labor are saved by careful reflection and study. Arrange the farm for regular rotation. Let regularity and system be fully carried out. Examine the practice of the very best and most successful farmers in the country. The most convenient and cheap way of doing this is to take and read a first-rate agricultural paper. Use judgment and discretion in reducing to practise the many valuable hints you may thus obtain. Keep all stables clean, neat, and comfortable. Give sheep good shelter, good hay, and chopped roots.

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17	Charge through subsection In II. Vanisheeffield. County France 14 with Him. L. V. Scotta. Programmed to county—Him. C. Aliceya.
18	Suffelior General -them Jone Rose.
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20	William II. Lee, Glore, sweattles council to Walnes & Market Co.
21	Michael Clark, M. A. Strong, E. Vollandell, Ollivar Cool, Th.
22	Sanghan, Book beepes demos trus and the for ligher, Meson Santas Deekersusys—The Suvernor Length's Santasys, September
23	Renconced at Color reader, S. V. Cheller, Accounting Misland and C. Tenesday, Visiting row
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	Superitrades. Lands Olay J. Socretary ; Lorent Lought, French Co
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Catholic Cond. of Characters .- How to V. W. Videncero, May A. F. Trabesco, Warner, S. D. Trabesco, Vidence & Characters . D. Characters . Character

# CANADA.

### THE GOVERNOR GENERAL.

## AIDES-DE-CAMP, &c.

SIR EDMUND WALKER HEAD, Bart., Governor General of British North America, and Captain General and Governor-in-Chief of the Provinces of Canada, New Brunswick, Nova Scotia, and the Island of Prince Edward. &c., &c.

R. T. Pennefather, Gove for General's Secretary.
Captain Retallack, 16th Regiment, Military Secretary and Aide-de-Camp.
Colonel Irvine, Provincial Aide-de-Camp.
Lieut.-Col. Duchesnay, extra Provincial Aide-de-Camp.

### EXECUTIVE COUNCIL.

President of the Council—Hon. John Ross.
Receiver General—Hon. Geo. Sherwood.
Attorney General East—Hon. G. E. Cartier.
Speaker Legislative Council—Hon. N. F. Belleau.
Inspector General—Hon. A. T. Galt.
Attorney General West—Hon. J. A. McDonald.
Postmaster General—Hon. Sydney Smith.
Com. of Crown Lands—Hon. P. M. Vankoughnet.
Com. of Public Works—Hon. L. V. Sicotte.
Provincial Secretary—Hon. C. Alleyn.
Soticitor General—Hon. John Rose.

#### OFFICERS.

William H. Lee, Clerk, Executive Council; William A. Himsworth, Confidential Clerk; M. A. Higgins, F. Vallerand, Oliver Coté, Thomas Burns, F. H. Himsworth and Henry Alexander, Clerks; Michael Naughton, Door-keeper; James Ryan and Charles Baker, Messengers. Indian Department.—The Governor General's Secretary, Superintendent General of Indian affairs; S. Y. Chesley, Accountant; Michael Turner, Chief Clerk; Froom Talfourd and G. Ironside, Visiting Superintendents; D. Thorburn, do. and Special Commissioner; Francis Assinach, Interpreter.

Geological Survey.—Sir Wm. E. Logan, Provincial Geologist; A. Murray, Asst. do.; T. S. Hunt, Chemist and Mineralogist; E. Billings, Palæontoiogist.

#### EDUCATIONAL DEPARTMENT.

Lower Canada.—Old Government House—Hon. P. J. O. Chauvean, Superintendent; Louis Giard, Secretary; Joseph Lenoir, French Corresponding Clerk and Librarian; John Radiger, English Corresponding Clerk; Alexander de Lusignan, Clerk of Statistics and Accountant; Jacques Leparre, First Copying Clerk and Storekeeper; Jean Baptiste Lenoir, Second Copying Clerk; Paul Blouin, Messenger.

Catholic Board of Examiners.—Rev. L. V. L. Villeneuve, Rev. A. F. Truteau, William Doran, P. F. Denis, Jacques Viger, P. Garnot, F. X. Valade, Secretary.

Protestant Board of Examiners .- Rev. D. Fraser, Rev. Dr. Wilkes, Rev. Canon Leach, D.C.L., L.L.D., Rev. J. Flannigan, Rev. W. Snodgrass, W. Lunn; A. N. Rennie, Secretary.

CROWN LANDS DEFARTMENT, -- Officers .-- Andrew Russell, Assistant Commissioner; Joseph Bouchette, Deputy Surveyor General; William

Ford, Accountant.

Surveyors and Draftsmen .- E. T. Fletcher, Surveyor and Draftsman; Thomas Divine ditto; G. G. Dunlevie, ditto; J. W. Bridgland, ditto; E. Fox, ditto; J. F. Bouchette, Draftsman; S. P. Beauset, ditto.

Land Sales Branch.—W. Spragge, Superintendent.

Woods and Forest Branch.—T. M. Partridge, Superintendent.

Woods and Forest Branch.—T. M. Partridge, Superintendent.

Collins, F. T. Judah, E. A. Genereux, F. T. Roche, J. Alley, J. Morphy,

C. T. Walcot, J. Tolmier, T. Hammond, F. A. Hall.

Second Class .- W. F. Whitcher, P. M. Partridge, V. E. Tessire J. T. Cherrier, A. Kirkwood, A. J. Taylor, F. D. Dugal, L. R. Fortier, F. Chessé, L. A. Robitaille, H. A. Grant, J. V. Gale, J. J. Prendergast, F. Bainster, A. VanFelson.

Third Class .- P. Derbyshire, J. Innes.

Messengers .- J. Bradshaw, G. Fisher, E. Dumontier.

### CROWN TIMBER AGENTS.

Niagara	Quebec
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### PERMANENT OFFICERS LEGISLATIVE ASSEMBLY.

Chief Department .- W. B. Lindsay, Clerk; W. B. Lindsay, Jr., Clerk Assistant; W. Ross, Deputy do.; Thomas Vaux, Accountant; Charles Langevin, Assistant do.

Law Department .- G. W. Wickstead, Law Clerk.

General Department .- W. P. Patrick, Chief Office Clerk; Henry Hartney, Asst. do.; W. Spink, Clerk of Routine and Records; H. B. Stuart, English Writing Clerk; E. Denechaud, French do.; Aug. Laperrière, Assist. French do.; W. B. Ross, A. Poetter, Pierre Rivet, A. G. D. Taylor, H. McCarthy, and J. F. Gingrass, Junior Clerks.

General Committee Department .- Alfred Patrick, Clerk of Committees and Controverted Elections; J. P. Leprohon, First Assistant Clerk of

Committees: F. X. Blanchet, second do.

Private Bill Office .- Alfred Todd, Clerk of Private Bills: Thadeus

Patrick, Assistant ditto and Clerk of Railroad Committee.

Translators .- D. P. Myrand, Chief French Translator; William Fanning, E. P. Dorion, A. Desilets and T. G. Coursolles, Assistant French Translators; F. H. Badgley, English Translator; Wm. Wilson, Assistant English Translator.

Journal Department .- G. M. Muir, C'erk of English Journal; P. E. Gagnon, Clerk of French Journal; W. H. LeMoine, Assist. Clerk of French ditto; W. C. Burrage, Assistant Clerk of English ditto.

Library Department .- Alpheus Todd, Librarian ; A. G. Lajoie, Assistant ditto; J. Curran, Library Keeper.

Sergeant-at-Arms Department .- D. W. Macdonnell, Sergeant-at-Arms; A. L. Cardinal, Chief Messenger; M. McCarthy & O. Vincent, Assists. do.; J. O'Connor, Doorkeeper; Robt. Baillie, Assist. do.; R. Defries, Postmaster; Joseph Blais, Assist. do.; P. Laliberté, J. Lemonde, Edward Pelletier and William Graham, Messengers.

### PERMANENT OFFICERS LEGISLATIVE COUNCIL.

- J. F. Taylor, Clerk of the House & Master in Chancery, Robert LeMoine, Deputy and Assistent Clerk, Master in Chancery and French Trans-
- Fennings Taylor, Deputy and Assistant Clerk, Master in Chancery and Chief Office Clerk
- E. L. Montizambert, Law Clerk, Clerk of Committees and English Trans-
- J. E. Doucet, Additional Assistant Clerk and Assistant French Trans-
- W. A. Maingy, Additional ditto and 2nd Office Clerk.
- James Adamson, Clerk of English Journals.
- J. G. Couillard, Clerk of French Journals.
- George DeBlaquière, Junior Clerk.
- René Kimber, Gentlemen Usher of the Black Rod.
- Olivier Vallerand, Sergeant-at-Arms.
- Rev. Dr. Adamson. D.C.L., Chaplain and Librarian. Edward Bottard, Door Keeper.

- Michael Keating, Chief Messenger and Housekeeper. Samuel Skinner, Messenger and Assist. Housekeeper. A. Lachance, T. Neary, J. Doberty, J. Hanley, J. Young, P. Dunne, F. Boulet and J. Casault, Messengers.

CIVIL SECRETARY'S OFFICE. - R. T. Pennefather, Secretary; H. Cotton, Chief Clerk; John Ridd, Second Clerk; P. S. Hill, Office Keeper; G. Boxall, Messenger.

PROVINCIAL SECRETARY'S OFFICE.-Hon. Charles Alleyn, Provincial Secretary; Etienne Parent, Assistant Secretary East; E. A. Meredith, Assistant Secretary West; Thos. Ross, Accountant of the Contingencies. Eastern Branch .- H. R. Glackmeyer, W. H. Jones, A. R. Roche, S.

Tetu and G. S. Bertrand, Clerks. Western Branch .- Grant Powell, H. E. Steele and Charles J. Birch,

J. Gow, Office Keeper; J. Dorr and J. N. Fradet, Messengers.

PROVINCIAL REGISTRAR'S OFFICE .- Hon Chas. Alleyn, Registrar Thomas Amiot, Deputy Provincial ditto; W. Kent, First Clerk; G. H. Lane, Second Clerk; A. Bélanger, Assistant Clerk; J. A. Bélanger, Extra Clerk; Maxime Valequette, Messenger.

RECEIVER GENERAL'S OFFICE .- Hon Geo. Sherwood, Receiver General; S. D. Harrington, Deputy ditto; T. Dufort, J. B. Stanton, G. C. Reiffeinstein, W. Hedge, J. F. Pellant, L. F. Durresne, F. Braun, C. W. Shay and D. V. Fisher, Clerks; F. L. Casault, Messenger; J. McCaffery, Assistant Messenger.

INSPECTOR GENERAL'S OFFICE .- Hon. A. T. Galt, Inspector General; Joseph Cary, Deputy ditto; W. Dickinson, Acting Deputy ditto; David A. Ross, Chief Clerk; Norris Godard, First Book Keeper; J. Drysdale, 2nd ditto; Archibald Cary, F. G. Scott, Geo. A. Barber, Jr., J. S. Lee and John R. Nash, Clerks; D. Ryan, Messenger.

Customs Department .-- R.S.M. Bouchette, Commissioner; T. Worthington, Inspector of Ports for U. C; Matthew Ryan, do. for L. C.; J. W. Peachy, J. R. Audy, H. H. Duffil, Thomas P. Robarts, J. M. Muckle, D. L. O'Brien, Clerks ; J. Walls, Messenger.

Audit Branch .- John Langton, Auditor; Thomas Cruse, Book K. eper; Charles Combie, 1st Class Clerk; Christopher Green, James Patterson,

J. A. Kavanah and E. C. Barber, 2nd Class Clerks.

#### MILITARY.

Lieut.-General Sir WM. EYRE, K.C.B., Commander of the Forces. Lieut.-Colonel Thackwell, 22nd Foot, Military Secretary.

Major Robertson, 4th Foot, and Lieut. A. G. F. Griffiths, 63rd Foot,

Aides-de-Camp.

MILITARY SECRETARY'S DEPARTMENT .- Lieut .- Colonel Thackwell, 22nd Foot, Military Secretary; P. Lawler, J. R. Spong, R. G. Greig, Clerks. ADJUTANT GENERAL'S DEPARTMENT .- Lieut .- Colonel the Honorable R. Rollo, Assistant Adjutant General; Ens. C. McDonald, Town Major; W. Wright, 1st Clerk; P. Walsh, and G. Franckum, Clerks; J. Dillon, Town Major's Clerk; W. Rowan, Town Serjeant.

QUARTERMASTER GENERAL'S DEPARTMENT .- Lt. Colonel Holdsworth, Deputy Quarter-Master General; N. Hughes, 1st Clerk; E. Roe and A.

Mitchell, Clerks.

WAR DEPARTMENT .- Colonel Ord, Royal Engineers; Colonel Bell,

Royal Artillery ; A. Gunn, Military Storekeeper.

Storekeeper's Department.—Alex. Gunn, Esq., Storekeeper; J. J. Greig, 1st Clerk; E. Wilgress, G. Wilgress, a 1 Edward Catell, Clerks. J. Greig, Acting Barrack-master.

### HEAD QUARTERS ROYAL ENGINEER OFFICE.

Montreal.—Commanding Royal Engineer, Canada, Colonel W. R. Ord; Assistant Com. Royal Engineer, T. L. Gallway; Draftsman, R. J. Pilkington; Surveyor and Draftsman, C. Walkem; Senior Clerk, James Kerr; Clerk, John Gardiner; Foreman of Works, J. Collard; Office Keeper, J. Robertson.

District Branch.—Commanding R. E., Captain Charles Fanshawe; Assistant ditto, Lieut. Garnier, R. E.; Clerk of Works, E. C. Osborn;

Clerk, William Clegg; Office Keeper, John Conroy.

Quebec .- Lieutenant-Colonel Hadden, District Com. Royal Engineer, Canada East; Lieutenant C. A. de Montmorency; Clerk of Works, William Haddon; Foreman of Works, W. Chessel and John Grist; Clerks, J. H. Oakes, and G. H. Peake.

COMMISSARIAT DEPARTMENT .- Deputy Commissary General, C. A.

Clarke.

Montreal.—Assistant Commissary General, Alfred Salwey; Deputy Assistant Commissary General, A. Turner; Clerks, W. Ogilvy and R. L. Matthews; Assistant ditto, C. Woodley, A. W. Bell, John Ballard and W. Palmer.

Quebec .- Assistant Commissary General, T. W. Goldie; Deputy Assistant Commissary General, M. B. Irvine; Clerk, R. G. Hunter; Assistant ditto, T. Dickenson.

Kingston .- Assistant Commissary General, W. Stanton.

Toronto .- Assistant Commissary General, J. K. Goold; Clerk, A. Haliburton.

# Judicial Districts of Lower Canada, the Judges to whom they are assigned and the terms of Courts therein.

DISTRICTS OF QUEBEC AND ARTHABASKA.	DISTRICTS OF MONTREAL AND TERREBONNE.	DISTRICT OF THREE RIVERS.
Assigned to the Judges residing at Quebec.	Assigned to the Judges residing at Montreal.	Assigned to Mr. Justice D. Mondelet.
COURT. WHERE HELD. WHEN HELD.	COURT.   WHERE HELD.   WHEN HELD.	COURT.   WHERE HELD.   WHEN HELD.
Circuit         Cap Santé         7-16 January.           "Goubec         30-25 "         "           Superior         "         1-5 Feb'y.           Circuit.         "         1-5 March.           Superior         "         1-5 March.           Superior         "         1-10 "	Circuit.         Lachute         12-16 January.           "See. Scholastique.         7-12 Feb'y.           "Montreal.         10-15           Superior.         See. Scholastique.         13-19           "Montreal.         17-27           "Circuit.         Yaudreul.         1-5           "Coteau Landing.         6-10         6-10	Q.B., Orim Three Rivers 2 February Superior 4 Last 6 j.d. Ma'h Last 6 j.d. 1
Circuit Lotbinière 13-22 " Inverness 20-24 " Drummondville 20-24 " Quebec 20-25 " Superior 1-5 April 20-25 "	" Montreal 10-15 " " Terrebonne 12-21 " Superior Montreal 17-27 " Circuit " 10-15 April Superior (17-27 " Circuit, Ste. Scholastique, 7-12 May,	Circuit. " Laste, d. " Superior. " 1-14 Novemb Circuit. " Laste, d. "
Superior	" Montreal 10-15 " Lachute 12-16 " Superior Ste. Scholastique 17-27 " Montreal 17-27 "	DISTRICTS OF KAMOURASKA AND RIMOUSK Assigned to Mr. Justice Taschereau.
13-19	Circuit.   10-15 June.	Ses, Peace Kamouraska. 7 January Circuit. 7-12 Feb'y. Superior. Isle Verte. 1-10 March. 8t, Germain. 7-42 Superior. Rimouski 13-19 G.B., Crim. Kamouraska. 5-10 April. Circuit. 7-12 May. Superior. 8th March. 13-19 May. 13-19 May.
" Quebec 20-25 " 1-5 October. Circuit. 20-25 " Arthabaska 7-12 Novemb. Superior Circuit. 13-19 " Circuit. Lotbiniere 13-22 "	Oricuit. Ste. Scholastique	Superior
### 13-22 ### 13	" Coteau Landing 6-10 "  " Montreal 10-15 " Terreboune 12-21 " Superior Montreal 17-27 " Circuit " 10-15 Decemb. Superior " 17-27 "	T-12 October   T-12 October   T-12 October   T-12   T-14   T-14   T-15   T-15

DISTRICT OF ST. FRANCIS.	DISTRICT OF GASPE.	DISTRICT OF OTTAWA.	
Assigned to Mr. Justice Short.	Assigned to Mr. Justice Winter.	Assigned to Mr. Justice W. K. McCord.	
COURT	Ses. Peace Circuit. Ristigouche. 27 Ses. Peace Circuit. Perce 3 next d. 1-10 March. Ses. Peace Circuit. New Carlisle 5-24 May. Ses. Peace Circuit. Mardalen Isles 1-1-10 July. Ses. Peace Circuit. Mardalen Isles 1-1-10 July. Ses. Peace Circuit. Ristigouche. 27 Carleton 3 next d. 2 Ses. Peace Circuit. Mardalen Isles 1-1-10 July. Ses. Peace Circuit. Ristigouche. 27 Superior Perce 21-30 New Carlisle 4-13 Sept. Circuit. Gaspé Basin 15-24 October. Ses. Peace Circuit. Perce 11-10 Novem. Ses. Peace Circuit. Perce 11-10 Novem. Ses. Peace Circuit. Ses. Peace Circuit. Perce 3 next d. 3 New Carlisle 4-13 Sept. Ses. Peace Circuit. Perce 3 next d. 3 New Carlisle 5-24 Decem. Ses. Peace Circuit. Ses. Peace Circuit. Ses. Peace Circuit. Ses. Peace Ses. Peace Circuit. Ses. Peace Ses.	COURT. Circuit. Superior. Circuit. Montmagny Circuit. Superior. Circuit. Montmagny Circuit. Superior. Circuit. Montmagny Circuit. Superior. Circuit. Montmagny Circuit. Superior. Circuit. Montmagny Circuit. St. Joseph T-12 May. T-12 Febru'y Circuit. Superior. Circuit. Montmagny T-12 Febru'y T-12 May. T-12 Febru'y T-12 May. T-12 June. Circuit. Superior. Circuit. St. Joseph T-12 Novemb	

# Judicial Districts of Lower Canada, the Judges to whom they are assigned and the terms of Courts therein.—Cont.

DISTRICTS OF BEDFORD AND ST. OYACINTH.	DISTRICTS OF IBERVILLE AND BEAUHARNOIS.	
Assigned to Mr. Justice J. S. McCord,	Assigned to Mr. Justice Guy.	Assigned to Mr. Justice Bruneau.
COURT. WHERE HELD. WHEN HELD.	COURT. WHERE HELD. WHEN HELD.	The second secon
Circuit. St. Hyaciuth. 22-27 January. Nelsouville 7-12 Feb'y. Superior 13-19 (22-98 "	Circuit Beauharnois 7-12 Feb'y.	Circuit, La Baie 7-12 January
Superior " 12-10 "	Superior . 13-19 " Circuit Huntingdon 20-24 "	" Berthier
" St. Hyacinth 22-28 "	Ste. Martine 25-29 "	" Sorel 7-12 Feb'y. Superior, " 13-19
		Circuit Industry 7-12 March.
" Knowlton 10-14 "	Superior	Superior
" t. Hyacinth 22-27 " Nelsonville 7-12 May. Superior 3-19 " St. Hyacinth 22-28	" Regularnois 7-19 May	Circuit. L'Assomption. 20-24 " Ste. Julienne 25-29 "
Superior. " 13-19	Superior. "	K Sorel 7-10 West
" . St. Hyacinth, 22-28 "	Superior 7-12 march. Circuit. Napierville 29-24 Beaularnois 7-12 May. Circuit. Huntingdon 29-24	Superior . 13-19 "" Circuit Berthier 21-25 "
Circuit. Marieville. 1- 5 June. Knowkton. 10-14		"Industry
" Nelsonville 7-12 October.	Superior St. Johns 7-12 June.	Superior " 13-19 "
" Nelsonville 7-12 October. Superior 13-19	Circuit. Napierville 20-24 " Beauharnois 7-12 October.	Circuit L'Assomption 20-24 * "
Circuit. St, Hyacinth. 22-27 " Marieville. 1-5 Novemb.	Superior. Beauharnois 7-12 October.	" Ste, Julienne 25-29 "
" Knowlton 10-14		" La Baie 7-12 July. " Berthier 21-25 Septemb.
Superior, St. Hyacinth, 22-28 "	" Ste. Martine 25-29 "	" La Baie 7-12 October.
		Sore  7-19 **
DISTRICTS OD SAGUENAY AND CHICOUTIMI.	Superior, " 13-19 "Circuit, Napierville 20-24 "	Superior " 13-19 " Circuit Industry 7-12 Novemb.
Assigned to Mr. Justice Roy.	Circuit, Magner vine	Superior " 18-19
Circuit. Malbaie		Circuit L'Assomption 20-24
Superior		" Ste. Julienne 25-29 "
Superior " 13-19 "		
CIPCUID DIAIDAIG 7-12 MAY.		The state of the s
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Superior 13-19 " Circuit Malbale 7-12 Sept.	and the state of t	The state of the s
Circuit. Malbaie		
Circuit Chicontimi 7-12 October		The second second second
Superior 13-19		
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### Registry Offices and Registrars of Lower Canada.

DISTRICT.	NAME OF REGISTRATION COUNTY OR DIVISION.	EXTENT OF REGISTRATION COUNTY OR DIVISION.	WHERE HELD.	NAME OF REGISTRAR.
QUEBEC	Montmorency	County (1) of Portneur	Cap Santé	Louis C. Lefrançois. Pierre Gosselin. François M. Guay.
Montbeal	Montreal. Chambly. Huntingdon, 1st Reg. Div. Laval. Soulanges.	City of Montreal and Counties of Hoche- laga and Jacques Cartier County of Chambly Laprairie Laval Soulanges.	Longueuil Laprairie Ste. Rose	George H. Ryland. Thomas Austin. Tancrède Sauvageau. François X. Léonard.
Three Rivers	Vaudreuil. Verchères. Champlain. Maskinongé. Nicolet	" Vaudreuil. " Verchères. " Champlain. " Maskinongé. " Nicolet. ( " St. Maurice and Town of Three	Verchères Ste. Geneviève de Batiscan Rivière du Loup. Bécancour	Félix Geoffrion. Elie Rinfret. Joseph Ed. Pichette. Joseph Jutras.
ST. FRANCIS	St. Maurice  (Richmond  Sherbrooke	Rivers Richmond. Town of Sherbrooke and Counties of Compton and Wolfe. County of Stanstead.	{ Three Rivers	George Hope Napier. William Ritchie.
GASPE	(Stanstead (Bonaventure (Gaspé	Bonaventure	Stanstead Plain New Carlisle Percé	Joseph G. Le Bel. Louis George Harner.
KAMOURASKA.	Kamouraska Rimouski, No. 1	Kamouraska	St. Louis de Kamouraska St. Jean Baptiste de l'Isle Verte.	Jean G. Taché.
DTTAWA	Ottawa	Counties of Ottawa and Pontiac	Aylmer	James F. Taylor.
TERREBONNE	Two Mountains	County of Two Mountains	Ste. Scholastique	Daniel de Hertel.

By County is meant the Electoral County as described in the 16 Vic. cap. 152 (Parliamentary Representation Act).
 All the Proclamations here mentioned have been published in the "Canada Gazette."

### Registry Offices and Registrars of Lower Canada. - Coutinued.

DISTRICT.	NAME OF REGISTRATION COUNTY OF DIVISION.	EXTENT OF REGISTRATION COUNTY OR DIVISION.	WHERE HELD.	NAME OF REGISTRAR.
JOLIETTE	{ Leinster ,	Montcalm	L'Assomption	Marcel Poirier, Joseph Ed. Beaunré.
RICHELIEU	( Richelieu	" Berthier	William Henry	Pierre R. Chevallier. Jean Octave Chalut.
SAGUENAY		lières and DeSales	St. Etienne	Charles Duberger.
RIMOUSKI	Chicoutimi	County of Chicoutimi	Baie St. Paul	Ovide Bossé. Louis François Garon.
MONTMAGNY	Bellechasse	County of Bellechasse	L'IsletSt, Michel	Pantaleon Formes.
BEAUCE	( Beauce	" Dorchester	St. Hénédine,	Alexis Godbout.
ARTHABASKA	Megantic Arthabaska Drummond (Shefford	Mekanier	Leeds. St. Christophe	Edmund Cox.
BEDFORD	Brome	Brome	KnowltonBedford	Hiram S. Foster, Richard Dickinson,
ST. HYACINTH.	St. Hyacinth	Old County (1) of St. Hyacinth County of Rouville	St. Hyacinth	Horace St. Germain. Louis E. P. Laberge.
IBERVILLE,	(Rouville (2)	Napierville	St. Johns	Ephrem Bouchard, Frs. Ferd, Z. Hamel,
BEAUHABNOIS	Beauharnois Chateauguay Huntingdon	" Beau <sup>h</sup> arnois Chateauguay Huntingdon	Beauharnois	George Aimé Beaudry

<sup>(1)</sup> By Old County is meant the Electoral County as existing before the 16 Vic. cap. 152.

(2) The parts of the Old County of Rouville remaining after the Proclamation of the New Registration County of the same name; the County of Derville not being yet proclaimed a County for Registration purposes.

## GENERAL QUARTER SESSIONS OF THE PEACE.

A. M. Delisle and W. H. Brehaut, Clerk of the Peace; C. E. Schiller, Deputy Clerk of the Peace; L. D. René Cotret, and Alfred C. Harvey, Clerks.

Terms-Montreal

Quebec—8th January, 4th April, 4th July, and 4th October.

Three Rivers—8th January, 4th April, 4th July, and 4th October.

Sherbrooke—8th January, April, July, and October.

Kamouraska—7th January and 15th July.
Quebec—Clerk of the Peace and Clerk of the Crown:
James Green and P. Antoine Doucet, Inspector and Superintendent
of Police, John Maguire; Chief Constable, Robert Henry Russell.

## LAW COURTS OF UPPER CANADA.

COURT OF ERROR AND APPEAL.—This Court is composed of the Judges of the Superior Courts of Law and Equity, and the Hon. Jas. Macaulay, late chief Justice of the Court of Common Pleas, and has jurisdiction in Appeal from the Courts of Chancery, Queen's Bench and Common Pleas. It sits three times a year, namely on the 2d Thursday after each Term, except Trinity Term.

Clerk-The Registrar of the Court of Chancery, Toronto.

COURT OF CHANCERY.—Hon. W. H. Blake, chancellor; Hon. J. C. P. Esten and Hon. J. G. Spragge, vice-chancellors; A. N. Buell, master, Alexander Grant, registrar and reporter.

Terms for examination of witnesses commence on the second Tuesday in February and May, last Tuesday in August, and second Tuesday in November, and end on the Saturday of the following weeks.

Terms for hearing Causes commence on the second Tuesday in March, June, September and December, and end on the Saturday of the following week.

A weekly sitting on every Monday is held throughout the year (except during the regular vacations), for the purposes of hearing motions for Decrees and motions for or to dissolve special Injunctions, and appeals from the reports of the Master or any Deputy Master.

One of the Judges sits in Chambers every day, (except during the regular vacations,) for the purposes of hearing sundry applications.

COURT OF QUEEN'S BENCH.—flon. Sir J. B. Robbinson, Bart., chief justice; Hon. Archibad McLean and Hon. R. E. Burns, puisne judges; C. C. Small, clerk of the Crown and pleas; J. Lukin Robinson, reporter; Robert Pearson, clerk of the process; W. B. Heward, clerk in Banc. and chambers; W. B. Heward, clerk in practice court.

This Court sits in Banc. during the four Terms, in Osgoode Hall.

COURT OF COMMON PLEAS.—Hon. W. H. Draper, C. B., chief justice; "Hon. W. B. Richards and Hon. J. H. Hagarty, puisne judges; L. Heyden, clerk of the Crown and pleas; E. C. Jones, reporter.

The Court of Common Pleas, established by the 12 Vic. cap. 63, con-

The Court of Common Pleas, established by the 12 Vic. cap. 63, consists of three Judges, who sit in Term in the same manner as the Judges of the Queen's Bench.

#### LAW TERMS.

QUEEN'S BENCH AND COMMON PLEAS .- Hilray Term begins on the first Monday in February. Easter Term begins on the third Monday in May. Trinity Term begins on the Monday next after the 21st of August. Michaelmas Term begins on the third, Monday in November. And each term ends on the Saturday of the ensuing week.

From the 1st July to the 21st August is vacation in all the Courts. Circuits are held twice a year in each County, viz.: The Spring Circuit between Hilary and Easter Terms The Autumn Circuit between Trinity and Michaelmas Terms.

In the County of York, however, there are three Circuits every year viz.: The Winter, commencing on the Thursday in January next after the Municipal Elections. The Spring, on the second Monday in April,

and the Autumn, on the second Monday in October.

There are six Circuits, viz.: The Eastern, held at Brockville, Perth, Ottawa, L'Original and Cornwall; the Midland, held at Picton, Belleville, Cobourg, Peterborough, Whitby and Kingston; the Home, held at Owen Sound, Hamilton, Niagara, Merritsville, Milton and Barrie; the Oxford, held at Guelph, Berlin, Stratford, Cayuga, Woodstock, Brantford and Simcoe; the Western, held at Goderich, London, St. Thomas, Chatham, Sandwich and Sarnia; the Toronto or Home Sittings, at Toronto.

COURT OF PROBATE. - The Governor General, judge (ex-officio); Secker Brough, Toronto, official principal; C. FitzGibbon, Toronto, registrar.

## POST OFFICE DEPARTMENT.

HON. SIDNEY SMITH, Post Master General.

Griffin, Deputy Post-master General; H. A. Wicksteed, Accountant; Edwin F. King, Secretary; John Ashworth, Cashier. Money Order Branch .- P. Lesueur, Superintendent.

#### CLASSIFICATION OF CLERKS.

Ist Class—H. S. Weatherly, W. G. Sheppard, R. M. Julyan, E. C. Hayden, R. Oliver, D. Lawson, J. T. McCuaig, W. White.

2nd Class—J. C. Stewart, J. Audette, Peter Holt, Charles McKenzie.

3rd Class—John Bond, W. D. Lesueur, George Dormer, J. Brophy, J. McMahon, E. H. Benjamin, R. Stewart, D. Waters, George Mason.

4th Class-Brinsley King, G. H. Hargraye. John Hinifin, Office Keeper; Michael Lawler, Messenger.

#### BRANCH OF POST OFFICE INSPECTORS.

Montreal Division .- E. S. Freer, Inspector; C. W. Hayden, W. Ross and J. Loofe, Clerks.

Kingston Division .- M. Sweetman, Inspector; T. A. Mulkins, Clerk. Toronto Division .- John Dewe, Inspector; H. W. Jackson, J. T. Medworth and T. Jolley, Clerks.

London Division .- Gilbert E. Griffin, Inspector , G. Cox, C. T. Weyland and P. Dewar, Clerks.

#### MONTREAL.

J. B. Meilleur, M.D., L.L.D., Postmaster; James Simpson, Assistant Postmaster; P. W. Cooper, B. McEvenue, M. Emery, B. A. R. Huddle, McDuff Simpson, M. Murphy, J. Maitland, A. Benoit, John McKeon, Alex. Robertson, L. Malard, W. McGillivray, John Muirand O. Raymond, Clerks; P. O'Reilly, John J. Drew, A. Buger and L. Lafricain, Letter Carriers.

#### Office Hours.

From Eight a. m. to Seven p. m. On Sundays—From Eight to Ten a. m.

### Regulations and Rates,

#### Letters.

All Letters transmitted by the Post in Canada, with the exception of Packet Letters to and from the United Kingdom, are liable to a uniform rate of Three Pence currency per half-ounce, for whatever distance conveyed—pre-payment is optional—the charge increasing according to the weight of the letter, one single rate for every additional half-ounce, counting the fraction of a half ounce as a full rate, thus:

Not exceed	ding	g 1	ounce							3d.	Posta	ge.
More than	1	OZ	and not exceeding						1	oz,	6d	do
Ditto	1	OZ	ditto				. ,		11	OZ,	9d	do
Ditto	11	OZ	ditto						2	oz,	ls	do
Ditto	2	OZ	ditto	 			. ,		21	OZ,	1s 3d	do

The single Packet rate for Letters by the Atlantic Steam Packet Mails to and from England, via the United States, is 8d sterling, 10d currency, by British Boston Packets, and 1s 2d sterling, equal to 1s 4d currency, when sent by United States Government Packets via New York,—the rate on Letters by those Mails, via Halifax or via Canadian Mail Steamers, is 6d sterling, 7½d. currency.

Letters addressed to New Brunswick, Nova Scotia or Prince Edward's Island, are rated with the uniform rate of 3d per half-ounce.

Letters for Newfoundland, Bermuda and the West Indies, addressed over land via Halifax, are rated 71d. currency per half-ounce.

Pre-Payment to any of the foregoing places optional.

Persons posting Letters containing valuable enclosures—of whatever description—are requested to observe that no record will be taken by the Post Office of any Letter unless specially handed in for Registration at the time of posting, with payment of 1d. as the Registration charge excepting United States Letters, which must be pre-paid and 3d. for Registration. A Certificate of such Registration will be granted if required.

The Canada Postage Stamps, when used, will be taken in the United States as evidence of pre-payment of Postage on Letters going from Canada to the United States, and in like manner the United States Postage-Stamps on Letters coming into Canada are to be taken by Post Masters in this Province as evidence of pre-payment having been made in the United States.

Stamps for the pre-payment of Postage can be purchased from Post Masters at chief offices.

## THE FARMER.

FARM MANAGEMENT .- It is an interesting subject for inquiry, why different men with the same opportunities, variously fail or succeed, after years of equal labor. One will become rich, the other poor, on the same piece of land. One has had continued prosperity, and doubled or tripled his capital. The other has met with nothing but difficulty, misfortune, and "hard times," Instead of increasing his capital, he has become heavily involved in debt. His farm has run down and diminished in Altogether, he has come to the conclusion, that except with a lucky few, farming is a very hard, slavish, non-paying occupation.

His successful neighbor on the other hand, has adopted a very different opinion. His crops are good, with scarcely an exception-his fences impenetrable-his fields without a weed-his farm-buildings and barnyards, models of neatness-his cattle and sheep richly marked with improved blood, in fine condition, and eagerly sought in market at high prices-his fruit trees are bending under their rich loads, and his dwelling and door-yard a gem of rural beauty. He has " not quite yet" concluded to give up the business of agriculture for feverish speculation, nor for the close, pent-up, and anxious life of city trade.

There is no lack of examples of both of these kinds of farming. writer knows two men, now under fifty, who began active life in farming at about the same period-the first with very little property, the other with a beautiful hundred-acre farm. The first in less than twenty years had accumulated enough to buy seven hundred acres of the best land in that fertile region, and his average nett profits were between four and five thousand dollars a year. The other, with the fine hundred-acre patrimony, has worked equally hard, but he had not an acre left him, and was insolvent.

PROTECTING YOUNG FRUITS .- Hardy as well as tender strawberries should be covered for winter, because if hardy thy will make an earlier start, and ripen their crops sooner; and if tender will often escape destruction. Coarse litter is good, but evergreen boughs are better. Trimmings of nursery trees spread over the bed and covered with straw, make a good protection and give the plants more air. The cultivated raspberries and blackberries need protection, where the largest and earliest crops are desired. The latter may be most readily covered with two inches of earth, first bending and pegging them down; and to prevent breaking, making a small mound of earth against the foot of the stems, of which only five or six of the best should be left in each stool.

FATTENING FOWLS .- If it is desired to fatten fowls in a very short time, they should be confined in small coops. Baily says :- "A coop for twelve fowls (Dorkings) should be thirty inches high, three feet long, and twenty-two inches deep; it should stand about two feet from the ground, the front made of bars about three inches apart, the bottom also made of bars about an inch and a-half apart to insure cleanliness, and made to run the length of the coop, so that the fowl constantly stands, when feeding or resting, in the position of perching; the sides, back, and top may be made the same, or the back may be solid." writers think it better to make half of the floor a little inclined, and to cover it with a board. Troughs for feed and water should be fastened around the edge of the coop, and the whole placed in an out-building, as a barn or shed, away from other fowls. For the first twenty-four hours give water, but no food. On the second day commence feeding regularly three times daily with the most nutritious food, such as oatmeal mixed with milk, boiled wheat, &c., &c. The troughs should be cleansed daily, and a plenty of fresh clean water given; and the fowls must be fed very early in the morning, and all they will eat at all times. In from fourteen to twenty days they will be in their best condition, when they should be killed, for if keep longer they soon become diseased.

Poultry may be fattened quicker and more perfectly by stuffing, but it is an unnatural as well as an inhuman practice, and we cannot recom-

mend it.

Dorking, Spanish, Game, Hamburgh, and Polish chickens hatched the last of May, in latitude 43°, will do well to fatten when three months old, but Shanghæ, Malay and Java chicks should be at least a month older.

CUTTING GRAFTS,-There is no better time to cut grafts than at the commencement of winter. In cutting and packing them away, there are some precautions to be observed. In the first place, let them be amply and distinctly labeled, as it is very annoying to find the names gone at the moment of using them. For this purpose they should be tied up in bunches, not over two or three inches in diameter, with three bands around each bunch-at the ends and middle. The name may be written on a strip of pine board or shingle, half an inch wide, a tenth of an inch thick, and nearly as long as the scions. This, if tied up with the bunch, will keep the name secure. For convenience in quickly determining the name, there should be another strip of shingle, sharp at one end, and with the name distinctly written on the other, thrust into the bundle with the name projecting from it. If these bunches or bundless are now placed on ends in a box, with plenty of damp moss between them and over the top, they will keep in a cellar in good condition, and any sort may be selected and withdrawn without disturbing the rest, by reading the projecting label. We have never found sand, earth, sawdust, or any other packing substance, so convenient, clean, and easily removed and replaced, as moss, for packing grafts. It is needful, however, to keep an occasional eye to them, to see that the proper degree of moisture is maintained—which should be just enough (and not a particle more,) to keep them from shrivelling. They must, of course, be secure from mice.

Plum grafts, which are sometimes injured by intense cold are generally better if cut before the approach of the severest weather, and securely

packed away.

Compost for Gardens.—Principal ingredients—Stable manure, more or less, and turf from fence corners; these laid in alternate layers, a few inches thick, and occasionally added as other materials increase. Auxiliary ingredients—Weeds, litter, rakings of leaves, potato tops, wood and coal ashes, soapsuds, dish-water, refusehair, dust from house sweeping, chicken and fish bones, gutter scrapings, and nearly every thing else that would be "dirt" elsewhere. Rotted a year in a heap, and these ingredients will form a valuable compost, to the benefit and neatness of the premises.

APPLES FOR DOMESTIC ANIMALS.—Sweet apples are of great value in feeding almost any kind of farm animals. Hogs fatten rapidly on them, as well as on those that are acid. Cows, fed moderately at the start, on well cracked or cut apples to prevent choking, will increase in milk and improve in condition. Apples form an excellent succulent food for horses.

in winter. Varieties should be specially sought for feeding animals, combining hardiness, thriftiness, and great bearing qualities. Among the best now known are Corlies' Sweet, Pumpkin Sweet, and Haskell Sweet for autumn—and Green Sweet for long keeping. At the west, the Hightop or Summer Sweet is the best early sort, and the Sweet Pearmain

and Sweet Romanite for autumn and winter.

PRODUCTIVE APPLE TRYES.—For early, and great and continued bearing, the Baldwin will probably stand first—five or six-year trees often affording three or four bushels of fruit, and old tree-sometimes yielding forty or fifty bushels. Next to the Baldwin, stands the Jonathan—a most excellent and very handsome apple, but rather small in size. The Rhode Island Greening, and Tompkins County King, are also great bearers, but do not give such early crops as the Baldwin or Jonathan.

DRAINING ORGHARDS.—It is best to place underdrains between the rows of trees—because, first, the large roots sometimes run down and injure or derange the channel; and secondly, because it is the space between the rows that is covered by the great mass of small fibrous roots by the great mass of small fibrous roots which furnished the nutriment to them. As dwarf peas do not send roots so far nor so deep, they may be set

directly over the drain if desired.

OPERATIONS IN THE ORDER OF TIME .- The vital consequence of doing every thing at the right season, is known to every good farmer. To prevent confusion and embarrassment, and keep all things clearly and plainly before the farmer at the right time, he should have a small book to carry in his pocket, having every item of work for each week, or each half month, laid down before his eyes. This can be done to the best advantage to suit every particular locality and difference of climate, by marking each successive week in the season at the top of its respective page. Then, as each operation severally occurs, let him place it under its proper heading; or, if out of season let him place it back at the right time. Any proposed improvements can be noted down on the right page. Interesting experiments are often suggested in the course of reading and of observation, but forgotten when the time comes to try them. By recording them in such a book under the right week, they are brought at once before the mind. Such an arrangement as this will prevent a great deal of the confusion and vexation too often attendant on multifarious cares, and assist very essentially in conducting all the farm work with clock-work regularity and satisfaction.

In reviewing the various items which are most immediately essential to good farm management, some of the most obvious will be—capital enough to buy the farm and to stock it well; to select a size compatible with these requisites; to lay it out in the best manner; to provide it well with fences, gates, and buildings; to select the best animals and the best implements to be had reasonably; to bring the soil into good condition, by draining, manuring, and good culture; to have every part under a good rotation of crops; and every operation arranged, so as all to be conducted systematically, without clashing and confusion. An attention to all these points would place agriculture on a very different footing from its present condition in many placee and with most farmers. The business then, instead of being repulsive, as it so frequently is, to our young men, would be attended with real enjoyment and pleasure.

But in all improvements, in all enterprises, the great truth must not be forgotten, that success is not to be expected without diligence and industry. We most sow in spring, and cultivate well in summer, if we would

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reap an abundant harvest in autumn. When we see young farmers commence in life without a strict attention to business, which they neglect for mere pleasure, well may we in imagination see future crops lost by carcless tillage—broken fences, unhinged gates, and fields filled with weeds—tools destroyed by heedlessness, property wasted by recklessness, and disorder and confusion triumphant; and unpaid debts, duns, and executions, already hanging over the premises. But, on the other hand, to see cheerful-faced, ready-handed industry, directed by reason and intelligence, and order, energy and economy guiding the operations of the farm—with smooth, clean fields, and neat, trim fences—rich, verdant pastures, and fine cattle enjoying them, and broad waving meadows and golden harvests, and waste and extravagance driven into exile, we need not fear the success of such a farmer—debts cannot stare him in the face, nor duns enter his threshold.

#### MOONLIGHT.

Professor Smith, the Astronomer Royal for Scotland, in his interesting account of a recent scientific expedition to the Peak of Teneriffe, has set at rest the often-discussed question of the heat of moonlight. He says that his thermometrical instruments were sensibly affected by the moon's rays, even at the lowest of two stations occupied by him at different elevations. In tropical climates, meat which is exposed to moonlight rapidly becomes putrid; and in the West Indies, the negroes, who will lie sweltering and uncovered beneath the full glare of a tropical sun, carefully muffle their heads and faces when exposed to the moonbeams, which they believe will cause swelling and distortion of the features, and sometimes even blindness.

## TO ASCERTAIN THE LENGTH OF THE DAY AND NIGHT,

At any time of the year, add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising, for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning, for the length of the night. These rules are equally true for apparent time.

Pole Eve in Horses.—For the benefit of those who have or may hereafter have horses that have poll evil or fistula, I would say, don't sell the animal for a trifle, or give him away; but cure him sound and well. I care not how long it has been running, it can be cured with one dime's yes, one dime's worth of Muriatic Acid will cure the worst case of old poll evill. First, wash the sore well with strong soap suds, then drop eight or ten drops of the acid in it twice a day, until it has the appearance of a fresh wound; after which, it should be washed clean with suds from Castile soap, and left to heal, which it will qwickly do if the acid has been long enough; but if it does not get well, apply the acid again until it does cure, for it is a sure remedy, and will not fail if it is applied until the diseased flesh is all burnt out.—Prairie Farmer.

Shipping and Tonnage of Great Britain.—On January 1, 1857, there were in Great Britain 24,480 registered sailing vessels, with a tonnage of 3,981,494; and of registered steam vessels, 1,697, with a tonnage of 386,462. In the colonies, etc., 8,615 sailing vessels, and 239 steamers, with a tonnage of 780,116 tons. The coasting trade was invariant vessels, with a tonnage of 15,278,819; and 307 foreign vessels, with a tonnage of 53,489: outwards, 156,212 British vessels, with a tonnage of 53,489: outwards, 156,212 British vessels, with a tonnage of 40,312. Vessels, with a t

sels built, 888 timber and 33 iron sailling vessels, and 54 timber and 175 iron steam vessels, with a total tonnage of 244,578 tons. 719 sailing, and 35 steam vessels wrecked.

#### TABLE OF SIMPLE INTEREST AT SIX PER CENT.

Principal. One Month		e th.	One Year.			Principal.		One Month.			One Year.			Princip	One Month.			One Year.				
Cents. 10 " 50 Dollars, 1 " 2 " 3 " 4	0 0 0	000112	0 2 5	0 0 0 0 0	0 3 6 12 18 24	6 0 0 0 0	16	. 678	0 0 0 0 0 0	3 4 4 5	0 5 0 5 0 0	0 0 0 0 1	36 42 48 54 60 20	0 0 0 0	Dollars	40 50 60 70 80 90	0 0 0 0 0 0	20 25 30 35 40 45	0 0 0	2 3 4 4 5	C. 40 00 60 20 80 40	00000

The interest of any sum in dollars for 6 days, is the same sum in mills: viz. of \$100, 100 mills, or 10 cents; of \$6,600, 6,600 mills, or \$6.60, etc. Money at compound interest will double itself in 11 years, 19 months, and 22 days.

#### PREPARING WOOL FOR MARKET.

This is a very important question, both for the wool grower and manufacturer. There are three ways of doing it. The easiest and best is that recommended a few years ago by Messra. Perkins and Brown, of Ohio, of wetting the sheep and allowing them to stand in the yard, until they become warm, when the oil becomes "soapy," requiring but little labor afterwards to wash them entirely clean, and shear in three days, or as soon as dry. Another way is to wash without the "soaking and warming" process,—the way usually practised—leaving a large proportion of oil in the fleece, and allowing them to run from one or two weeks before being sheared. The third is to shear without washing.

But the question is-how should wool be prepared for market? The answer may be given,-whether the method first described should be followed, or the usual way of washing and shearing, there should be uniformity in doing it in each locality depending upon the same market. As the oil cannot be taken out by the common method of washing without injury to the sheep, they may be considered clean when the water runs clear from the fleece, and should not (unless prevented by bad wheather) be allowed more than six or eight days before shearing. In doing up the fleeces, all the washed wool belonging to it should be rolled up in such a manner, as to give it the best appearance. There is no fraud in this, as it is not only expected, but desired by the purchaser. The practice of using an unnecessary quantity of twine, because there is profit in it, or of relling in manure and filth, cannot be too strongly condemned. Let there be uniformity in each locality, and a consciousness of having done it honestly, in all who prepare wool for market, and all will be right .- Rural New Yorker.

MEDICAL USE OF SALT.—In many cases of disordered stomach, a tenspoonful of salt is a certain cure. In the violent internal aching, termed Cholic, add a teaspoonful of salt to a pint of cold water; drink it and go to bed; it is one of the speediest remedies known. The same will revive a person who seems almost dead from receiving a heavy fall, &c. In an apoplectic fit, no time should be lost in pouring down salt and water, if sufficient sensibility remain to allow of swallowing; if not, the head must be sponged with cold water until the sense returns, when the salt

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will completely restore the patient from the lethargy. In a fit, the feet should be placed in warm water, with mustard added, and the legs briskly rubbed, all bandages removed from the neck, and a cool apartment procured, if possible.—In many cases of severe bleeding at the lungs, and when other remedies failed, Dr. Rush found that two teaspoonful of salt completely stayed the blood. In ease of a lite from a mad dog, wash the part in strong brine for an hour, and then bind on some salt with a rag. In toothache, warm sall and water held to the part, and removed two or three times, will relieve it in most cases. If the gums be affected, wash the mouth with brine. If the teeth be covered with tartar, wash them twice a day with sall and water. In swelled neck, wash the part with brine, and drink it also, twice a day, until cured.

Salt will expel worms, f used in food in moderated degree, and aids

digestion, but salt meat is injurious, if used much .- [Ex.

## THE KITCHEN GARDEN.

Improving Vogetables by Care in Saving the seed.

It has been beautifully written "a wild carrot accidentally found in cultivated ground, refuses to run to seed, but emplo s itself in building up a root stouter than any carrot had before. The watchful eyes of a gardener remark the change; the changeling, still a sprout, flowers at last; its precious seeds are saved, and committed to till richer ground. Nine-tenths of the seedlings run back to the wild form-your carrot is but an intractable gentleman after all-but a very iew prove obedient to the will of man, shake off their savage habits, refuse to flower till the second year; meantime spend their autumn and winter in the further enlargement of their roots, then rise up in blossom invigorated by six months' addional preparation, and yield more seeds, in which the fixity of character or if you will, the habit of domestication, is still more firmly implanted. And thus begins the race of carrots." Here we have the one idea sought after of increasing the size of the roots, transforming a dry sticky substance into material fit for food .- Other parts are improved or altered in the same way. Most vegetables owe their present state to a similar process, either accidentally performed by nature or assisted by art.

Vegetables of the same kind, as peas, ripening at different seasons, were all obtained by selecting a few pods which showed symptoms of earliness, and sowing them by themselves, the same culled over again until a fixity of character was secured. Let any one try the experiment of picking over a quantity of peas or beans for the very largest, and sow, with an equal quantity of the smallest perfect ones that can be found of the same kind, and mark the difference of each's produce: and they will need no further proof of what are will do in seed-saving.

Another thing too which should not be forgotten, is that if it be wished to save seed of any particular kind pure, others of the same family should not be in flower near at the same time, or the busy bees, or a waft of wind, will frustrate the design by producing a set of mon-

grels.

Especially is this true of the Cucurbitacea, or eucumber family. See how many forms different exhibitors will produce under the same name at our fairs in squashes and pumpkins, so much so that it is extremely difficult to see the true Bostom Marrow squash. It is entirely owing to their being fertilized by other and in this case very inferior kinds.—Very

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great care is necessary in preserving any of this kind of plant pure, which should not be lost sight of when selecting the fruit it is intended to save the seed from. It is well known that the smooth tomato though a good deal smaller than the uneven kind will often come, is earlier, and preferred for the table through its being solid, and there is no reason why a smooth solid kind, equal in size to the rough, could not be produced, and which would be an acquisition. It only requires care and perseverance in seed-saving, on the principles above enunciated. Who will enter into the subject with spirit? There is no use in continually being dependent on other countries for new things when the principle of obtaining them lies at our own doors, with a climate second to none for obtaining the most perfect seed. It would be hard to say that there is not yet even many a wild plant, which with the proper treatment, might be made to administer to man's comfort. E. Sanders, in Co. Gent.

Our Vinegar Plant,—We spoke last April of a Vinegar Plant given us by a lady friend in Webster. We took it home to our office, procured at an apothecary's store one of his largest glass jars, holding some two gallons, filled it with common sweetened water, committed the plant to it, and there it has been ever since spreading its folds upon the surface, till it was evident that the vinegar had become strong enough almost for the death of the plant; whereupon, this week, we removed the original sweetened water, and supplied its place with new water for the plant to work upon. On drawing off the vinegar it was found very strong indeed,—almost as strong as ley, and for ordinary table purposes it will

require to be diluted with fresh water.

There is no mistake about it—this vinegar plant will keep our family in the purest vinegar as long as we shall need such an article.—Rural

Intelligencer.

Good and Bad Seed Corn.—There has been a very general complaint this spring that corn has failed in coming up; many fields have had to be planted the second and some the third-time. This no doubt has been owing to two causes. First, the unusually wet and cold spring, and secondly, the seed not properly secured, has been generally bad. Last fall was very wet, and corn placed in large bins heated to such a degree

as in many instances to destroy vitality.

The germ of corn is very tender—particularly so—and but little fermentation is necessary to prevent it from coming up. A person in this meighborhood, who selected his seed last fall when he was husking, and braided the husks of the ears, and hung them in his crib, had scarcely a single failure in a large field—indeed, he said that he had never known corn to come up more evenly before in his life—although he planted very early. The cause, no doubt, owing mainly to his seed being properly secured last fall. The damage resulting from corn failing to come up, has been very great—which might have no doubt been in a great measure prevented, by adopting the above mentioned course,—Co. Gent.

#### USEFUL RECEIPTS.

Raspberry Jam.—Pass the raspberries through a fine sieve to extract their seeds, add to them their weight in fine, white sugar, and boil them, and stir them over the fire until you can see the bottom of the stew pan. Blackberry Jam.—Boil the blackberries with half their weight of coarse

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moist sugar, keeping them stirred constantly. A stew-pan is not a necessar, vehicle; the most common tin sance pan will answer the purpose equally well. The cheapness of this homely delicacy, besides its sanative properties, renders it particularly desirable for scantily furnished tables. If the berries be gathered in wet weather, an hour will not be too long a time to boil them.

Gooseberry Jam.—Pick and clean red gooseberries, thoroughly ripe. Boil them by themselves for twenty minutes, skimming them frequently. Then add brown sugar, in the proportion of one pound of sugar to one pound of fruit. Boil for half an hour after the sugar is in. Skim it, and pour it into earthenware jars. When cold, paper up the jars, and set aside in a dry cool situation. Strawberry and black currant jams are made in precisely the same manner as the above; but instead of brown, use lump sugar.

Self-Sealing Fruit Cans.—Ta'e a common fruit-jar, with a tin cover, made like a shoeblack box. The jar and the cover will probably cost e. dime, and hold a quart. Any of the cements that are used for sealing cans or jars will do for this .- Heat your fruit, either in the jars or in some other vessels, and pour it into the jars, (previously warming them.) Now pour enough cement in the cover to give the bottom and side a thin coat. When the cement becomes slightly stiff, apply the cover over the jar, the jar having been well filled, and turn the jar upside down: and here is the invention .- As fruit jars have a lip, you now have a little trough to fill with cement, and the work is done. Let your jars get cold standing on the covers, and put them away in the same position. It is the steam escaping in the common way of sealing or soldering cans, that leaves so many of them imperfect. My plan entirely obviates this diffi-'culty, as the steam or vapor is always on top of the fruit. This arrangement, you perceive, is merely a chemist's pneumatic trough, and there is no danger when the fruit has cooled down and created a vacuum, that the extended atmospheric pressure will force the corks in.

Soap for Washing.—The American Agriculturalist is responsible for this recipe:—to each pound of common hard soap, add \( \frac{1}{2} \) to \( \frac{1}{2} \) oz. common borax, pulverized, and one quart water. Put the water into a tin pan or other convenient vessel, and place on the stove; Put in the borax, and then add the soap, cut in small, thin pieces. Keep them hot, but not boiling, for several hours, until the soap is dissolved. When cool, it will be double the quantity, and thus save one half. Rub the dirtiest part of the clothes with this compound, and soak them over night, if convenient, or an hour or two in the morning.—This mixture does not cut the hands and is adapted to all sorts of clothes—calicoes, flannel, &c., as well white cotton or linen. They are to be washed, boiled and rinsed, as usual, but the labor of rubbing is greately lessened.

BRITISH POST-OFFICE.—In 1856, the total number of letters delivered in Great Britain, was 476,393,803; of which, 388,309,863 were in England and Wales; 41,851,008 in Ireland; and 48,232,942 in Scotland. The number of newspapers was 71,009,000; and the number of book packets nearly 3,000,000 The gross revenue was \$14,384,770; expenses \$8,301,145; net revenue, \$6,038,625. The total number of mouey-orders was 6,178,982, to the amount of \$48,027,810, being an increase of 7½ per cent. over the previous year. So much for cheap postage !

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