JOHN HART, PERTH.

## NINETZENTH YEAR OF PUBLICATION.



## Repository of Useful Information,

DIVISION COURT. DIRECTORY FOR THE COUNTY OF LANARK,

FOR THE YEAR OF OUR LORD


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

## ASTRONOMICAL CALCULATIONS.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 30^{\prime} 26^{\prime \prime}$ North, and Longitude $73^{\circ} 24^{\prime} 22^{\circ}$ West, from the Royal Observa, tory, Greenwich, but arranged so as to serve without essential variation for the vicinity of Perth, which is in Latitude $44^{\circ} 44^{\prime}$, Laugi.ude $77^{\circ}$ west.

## PUBLISHED BY JOHN HART,

AT THE BOOK AND STATIONERY STORE, GORE STREET, PERTH, ONTARIO.

## EXPLANATION OF CALENDAR PAGES.

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

## HERSCHELS' WEATHER TABLE.

For foretelling the Weather, through all the Lunations of the Moo for ever.

| If the new Moon, the first quarter, the full Moon, or the last quarter happens. | In Summer. | In Winter. |
| :---: | :---: | :---: |
|  | Fair........................... <br> Oold, frequent showers, <br> Hain $\qquad$ <br> Wind and rain. $\qquad$ <br> Changeable $\qquad$ <br> Frequent showers. $\qquad$ <br> Very rainy $\qquad$ <br> Changeable. $\qquad$ <br> Fair <br> Fair, in Wind, N.W $\qquad$ <br> Rainy if S. or S. W $\qquad$ | \{ Laed frost, unless the wind be S. or W... Snow and stormy, Rain. <br> Stormy. <br> $\left\{\begin{array}{c}\text { Cold rain, if wind be } \\ \text { west; snow if east }\end{array}\right.$ Cold, and high wind <br> Snow and rain <br> Fair and Mild <br> Fair <br> Fair and foosty, if wind north or north-east. <br> Rain or Snow, if S.S.W <br> Fair and frosty. |

Observations-The nearest the time of the Moon's change, the first Quarter full and the last quarter, are to midnight, the fairer will the weather be during the seven days following.
2. The space of this calculation occupies from 10 at night till two next morning.
3. The nearer to mid-day or noon the phases of the Moon happen, the more foul or wet weather may be expected during the next seven days.
4. The space of the calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to the Summer, though they affect Spring and Autumn nearly in the same ratio..
5. The Moon's change, first quarter, full, and last quarter, happening during six as the afternoon hours, i.e., from four to 10 , may be followed by fair weather; but this is most dependent on the wind, as is noted in the table.

## BANK HOLIDAYS IN ONTARIO.

Sundays, Christmas Day, New Year's Day, Good Friday, The Queen's Birth Day, and each day appointed by Royal Proclamation as a general fast or thanksgiving day:
the

## unless the

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$r$, if wind th-east. if S.S.W.

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EQUINOXES AND SOLSTICES.


## APPEARANCES OF THE PLANETS.

Venus will appear as a Morning Star until the 23rd September, after which date, an Evening Star.
Mars will be a Morning Star until the 26th of February, after which date, an Evening Star, Jupiter will be a Morning Star until January 20th and from that date until the 4th of November an Evening Star. Saturn will be a Morning Star from the 15th of February to the 16 th of May. Until the 5th of February and after the 16 th of May, Saturn will appear as an Evening Star.

Ist Month. JANUAIRY, 31 Days. Begins on Fride


|  |
| :--- | :--- |


| Moon's Phases. |  |  |  | ebec. | Montrea |  | erth. | Toronto. | Lon | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Moon First Quarter. Full Moon. |  |  |  | ${ }_{58}^{\mathrm{m}} \mathrm{mo} .$ | h. m. <br> $\mathbf{2}$ 51 mo <br> 0 $26 \mathrm{mo}$. <br> 3 7 mo <br> 4 57 mo. | $\mathrm{h}_{\mathbf{2}}$ m. <br> 2 49 mo <br> 0 $14 \mathrm{mo}$. <br> 2 $55 \mathrm{mo}$. <br> 4 45 mo. |  | h. m. |  | 2 |
|  |  |  | 0 | 32 mo . |  |  |  | ${ }^{2} 127 \mathrm{mmo}$ | 115412 | 3 |
|  |  |  |  | 13 mo . |  |  |  | 243 mo . | 235 | 3 |
| days. | Montreal. |  | Toronto. |  | Sun'sDeclinat. | TheMoon. | un on Meridian. |  |  | 5 |
|  |  |  |  |  |  |  | D1182 |  |  | 6 |
| Week. | $\underset{\text { Runes. }}{\text { Sun }}$ | $\underset{\text { Sets. }}{\substack{\text { Sun }}}$ | $\underset{\mathrm{Rise}}{\mathrm{Su}}$ | Sun Sets. | South. | R. \& S. |  | $\begin{array}{llll}12 & 18 & 52 \\ 12 & 14 \\ 12 & 29 \\ 12 & 14 & 10 \\ 12 & 13 & 16\end{array}$ |  | 7 Sowert to |
|  |  |  |  |  |  |  |  |  |  |  |
| Mon. Tues. Wed. Thu. Fri. Sat. | $\begin{array}{r} \hline \text { h. m. } \\ 727 \\ 26 \\ 25 \\ 23 \\ 22 \\ 20 \end{array}$ | $\begin{array}{r} \hline \text { h. m. } \\ 5 \quad 1 \\ 2 \\ 3 \\ 3 \\ 5 \\ 6 \\ 8 \end{array}$ | $\begin{array}{r} \text { h. m. } \\ 722 \\ 21 \\ 20 \\ 20 \\ 19 \\ 17 \\ 16 \end{array}$ | $\begin{array}{r} \text { h. m. } \\ 5 \quad 6 \\ 78 \\ 8 \\ 9 \\ 11 \\ 12 \end{array}$ |   <br> Deg. Min.  <br> 17 00 <br> 16 42 <br> 16 25 <br> 16 7 <br> 15 49 <br> 15 30 | $\begin{array}{\|ll} \hline \mathrm{h} . & \mathrm{m} . \\ 3 & 46 \\ 4 & 48 \\ 5 & 48 \\ 6 & 46 \\ 7 & 31 \\ 7 & 10 \\ \text { Sets. } \end{array}$ | Calendar, Aspects, dc. |  |  | 8 |
|  |  |  |  |  |  |  |  | begins ver | ry cold. |  |
|  |  |  |  |  |  |  | Purif | cation of Vi | rgin Mar | 9 |
|  |  |  |  |  |  |  | Heavy drif | falls of sn | ow, w |  |
|  |  |  |  |  |  |  | ${ }_{\text {drin }}$ | , and imp | edes trar |  |
|  |  |  |  |  |  |  | Ont | rio as fara | Br'kvill |  |
|  |  | ¢ 9 | 715 | 513 |  |  | Quinq | иagesima | Sunday, |  |
| Mon. Tues. | 18 17 | 11 13 | 14 13 18 | +15 | $\begin{array}{lll}15 & 52 \\ 14 & 33\end{array}$ | $\begin{array}{lll}8 & 19\end{array}$ | Cold, | but season |  | 12 |
| ${ }_{10}^{9}$ Tues. | 16 | 14. | 12 | 18 | $\begin{array}{cc}14 & 33 \\ 14 & 14\end{array}$ | 9 82 <br> 10  <br> 10  <br> 15  | SHRO | r Tursda |  | 12 |
| 11 Thu. | 14 | 16 | 11 | 19 | 1384 | $11 \quad 58$ | Very | ${ }_{\text {EDNESDA }}$ | Yeather. | 13 |
| ${ }_{13}^{12}$ Fri. | 13 | 17 | 9 | 20 | $\begin{array}{ll}13 & 34 \\ 13 & 14\end{array}$ | Morn. | Dull | nd snowy | time. |  |
| 13 Sat. | 11 | 18 |  | 22 |  | 115 | Sever | cold for | me days | 14 |
| 14. | 79 | ¢ 19 |  |  |  |  | Quadr | agesima |  |  |
| ${ }_{16}^{15}{ }_{16}$ Mon. | 8 | 20 20 |  | 24 26 | ${ }_{12}^{123}$ | $\begin{array}{lll}3 & 45 \\ 4 & 48\end{array}$ | Prosp | ct of chan | ae, but stig | 15 |
| ${ }_{17}^{16}$ Wed. | 6 4 | 22 | 1 | 26 27 | $\begin{array}{ll}12 & 12 \\ 11 & 51\end{array}$ | 4 <br> 5 <br> 5 <br> 48 | cold | and storm | , Wester |  |
| 18 Thu. | 3 | 25 | 659 | 29 |  | 6 6 | Wea | rio has | avy dam | 16 |
| 19 Fri. |  | 27 | 58 | 30 | 11.9 | ${ }^{6} 5$ | $\underset{\text { wein }}{\text { wea }}$ | Sleet an | $\begin{aligned} & \text { not hear } \\ & \text { d hail, en } \end{aligned}$ |  |
| 20 Sat. | 700 | 28 | 57 | 31 | 1047 | Rises. | ing | with gener | al frost. |  |
| 2 i ' ${ }^{\text {c }}$. ${ }^{\text {c }}$ | 6 69 | 530 | 6 55 | 5 33 |  |  |  |  |  |  |
| ${ }_{23}^{22}$ Mon. | 57 55 | ${ }_{31}^{31}$ | 54 | 34 | 104 | 814 | Cold | ut pleasan |  | 18 |
| ${ }_{24}{ }^{2}$ Tued. | ${ }_{53}^{55}$ | ${ }_{34}^{33}$ | 52 50 | 33 | ${ }_{9}^{9} 49$ | ${ }^{9} 16$ | ST. M | attias. |  |  |
| 25 Thu. | 51 | $\stackrel{34}{35}$ | 50 48 | ${ }_{38}^{37}$ | 9 <br> 8 <br> 8 <br> 87 | ${ }_{11}^{10} 17$ | Aspec |  | geable. | 19 |
| ${ }^{26} 5 \mathrm{Fri}$. | 49 | 37 | 47 | 39 | 835 |  | The m | orth ends |  |  |
| 27 Sat. | 47 | 39 | 45 | 41 | 812 | 024 | snow | , and cold | rains. |  |
| 28 C. | 46 | 5 39 | 6 43 | 542 | 750 | i 30 | 2 ${ }^{\text {d }}$ Su | day ${ }^{\text {an }}$ | nt. |  |

Febreary.-It is a great mistake to suppose that the business of th
22 farmer requires less care and judgment than any other pursuit. Som have talked in a way that shows how deficient they are in knowledge d the true qualifications of a good farmer. If a man fails in other pursuit it is suggested that he had better take to farming. Such a man migh possibly succeed, but there is hardly a chance of his so doing simply be cause a successful agriculturist requires first, a real taste and preferenc for it. He must have sound judgment as respeets times and places an methods of working. He must have and exercise discrimination abou soils and seeds and their relations. Then it demands a good deal of skil and experience in all matters relating to cattle, horses and sheep. In short a farmer should have a first-class intellect.


| Moon's Phases. | Quebec. | Montreal. | Perth. | Toronto. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| New Moon.......... ${ }_{\text {d }}$ | ${ }_{3}^{\text {h. }}$ \% $\quad \mathrm{m}$. | $\mathrm{h}_{3} \mathrm{~m}_{26} \mathrm{~m}$ e | $\mathrm{h}_{3} \mathrm{~m}_{14}$. | 32 |  |
| First Quarter | 817 mo . | 811 mo . | 759 mo . | ${ }^{47} \mathbf{m o}$ | 730 |
| Full Moon.......... ${ }^{21}$ | ${ }^{7}{ }^{04} \mathrm{ev}$. | ${ }^{6} \quad 68 \mathrm{~m}$ | 646 ev | 634 ev . | 6 |
| Third Quarter.... .. 29 | 1137 ev . | 1131 ev . | 1119 ev . | 1107 ev . | 10 |


| AY8 |  | Montreal. |  | Toronto. |  | Sun'sDeclinat. | $\begin{aligned} & \text { The } \\ & \text { Moon. } \end{aligned}$ | Sun on Meridian. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| M | Week. |  |  | Sun | S | Sun | Sun | South. | R. \& S | 9    <br> 18 12 10 10 <br> 12 8 13  |
|  | Week. | Rises. | Sets. | Rises. |  | South. | R. \& S . | 18 12 8 13 <br> 25 12 6 5 |
|  |  | m. | h.m. | h. m | h.m. | Deg. Min. | h. m. | Calendar, Aspeets ac. |
|  | Mon. | 644 | 542 | 642 | 544 |  |  | St. David's 3rd S. in Lt |
|  | Tues. | 42 | 43 44 | 41 39 | 45 46 | $\begin{array}{ll}7 \\ 6 & 41\end{array}$ | 3 31 <br> 4 24 | This month opens mory |
|  | Thu. | ${ }_{39}$ | 45 | 37 | 47 | 618 | 54 | toward this day a st |
|  | Fri. | 37 | 47 | 35 | 49 | 5.5 | 540 | gathers, and expe |
|  | Sat. | 36 | 48 | 34 | 49 | 531 | 69 | as we week term |
| 8910111213 | $\cdots \mathrm{C}$. | 6 34 | 549 | 63 | 550 |  |  | Midlent Sunday. |
|  | Mon. |  | 51 |  |  | 445 | 722 | Severe frost in Eastern Qug |
|  | Tues. | 29 | 53 | 29 | 53 | 421 | 827 | bee, but in west Ontario |
|  | Wed. | 27 | 54 | 27 | 55 | ${ }_{3} 58$ | $9{ }^{9} 46$ | weather is clear, dr |
|  | Thu. | 25 | 55 | 25 | 56 | 3 34 | 113 | pleasant air. Cham |
|  | Fri. | 24 | 56 | 23 | 57 | 311 |  | with wind Ratl |
|  | Sat. | 22 | 58 | 22 | 58 | 247 | 021 | cold rairs. Today a |
| $\begin{aligned} & \text { i4 } \\ & 15 \\ & 16 \\ & 17 \\ & 18 \\ & 19 \\ & 20 \end{aligned}$ | c.... | 6 | 589 | 6 | $5 \%$ | 23 | $1{ }^{1} 3$ | sih Sunday in Len |
|  | Mon. | 18 | 61 | 18 | 61 | 200 | 244 | A general thaw but conti |
|  | Tues. | 16 | 2 | 16 | , | 136 | $3 \quad 37$ | nues only in the west. |
|  | Wed. | 14 | 3 | 15 | 3 | 112 | 421 | St. Patricks Dat |
|  | Thu. | 12 |  | 12 | 4 | 049 | 455 | Cold rains expected wind |
|  | Fri. | 10 | 6 | 10 |  | 025 | 524 | and sleet. No rain |
|  | Sat. | 9 | 7 | 9 | 7 | 0 | 547 | snow to day. |
| $\begin{aligned} & \ddot{21} \\ & 22 \\ & 23 \\ & 24 \\ & 25 \\ & 26 \\ & 26 \\ & 27 \end{aligned}$ | $\cdots$ | 77 | 68 | 66 | 68 | N. 21 | Rises. | Paim Suniday. |
|  | Kın. |  | 9 |  | 9 | 045 | 7 | Quitea pleasant day |
|  | Tues. | 3 | 11 | 3 | 11 | 109 |  | St. Mathias. |
|  | 4 Wed. |  | 12 | 1 | 12 | 132 | 911 | Cihlly and impleasa |
|  | Thu. | 559 | 13 | 600 | 13 | 156 | $10 \quad 13$ | Changeable aspect. |
|  | Fri. | 57 | 15 | 558 | 14 |  | 1117 | Good Friday. |
|  | Sat. | 65 | 16 | 56 | 16 | ${ }_{2}{ }_{43}$ | Morn. | A very fine day. |
| 12829298031 | ${ }^{\circ} \mathrm{C}$. |  |  | 554 |  |  |  |  |
|  | Mon. |  | 18 |  | 17 | 330 | 122 | Monday after Easter |
|  | 0 Tues. | 50 | 20 | 51 | 19 | 353 |  | The month ends as it began |
|  | 1 Wed. | 47 | 21 | 49 | 20 | 416 | 32 | somewhat pleasantly. |

March.-Farmers in Ontario and Quebec have a great many difficulties to contend with, but if they will just consider how much worse off their confreres are in many other countries, they will find sufficient reasons for thankfulness. We have sometimes short crops and early frosts, curtailing our incomes and increasing our expenses. But let us look at Minnesota and Manitoba with their periodical plague of grasshoppers. The stories of the past seasons are almost incredible. It appears the creatures came in clouds so dense that the sunlight was entirely shut off. These, in one day, in one district of Minnesota, utterly devoured three thousand one hundred acres of wheat. Two years ago hailstorms destroyed the crops, and for two years in succession the grasshopper. Hard times there.

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$\frac{31 \text { he civite at brarte tory tras }}{12}$


Aphil.-A word about health. In rural districts there is often a good deal of intermittent and other fevers, by which the lives of many are destroyed. How is this? Is not the country healthier than the city? As a general rule it is, but in the country there is too frequently a careless inattention to the laws of health. During the day there may be exposure to heat, producing perspiration. When the cool breezes of the evening spring up there is great temptation to sit down, and quietly enjoy the delightful atmosphere. This is done without putting on any additional clothing. The effect is a chill. It is thought nothing of, and the same foolish course is followed another day, and another. The whole system in this way becomes disordered and the foundations of fevers are laid. Beware of chills, avoid cold drafts and regulate your clothing according to circumstances.


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19 15. il verg cib inna
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| Moon's Phases. |  | Quebec. | Montreal. | Perth. | Toronto. | London. |
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|  |  | h. m. | h. m. | h. m. | h. m. | h. m |
| New Moon.,....... First Quarter.... | ${ }_{12}^{5}$ |  |  | 9 58 mo <br> 2 81 mo | 946 mo 219 mo | 938 mo 211 mo 2 |
| Full Moon.......... | 20 | ${ }^{4} 4 \mathrm{mmo}$. | 358 mo . | 344 mo . | 232 mo . | $\varepsilon_{24} \mathrm{~m}_{\text {mo. }}$ |
| Third Quarter ...... | 28 | 142 mo . | 136 mo . | 124 mo . | 112 mo . | 38 mo . |

$\frac{\frac{1}{2}}{\frac{3}{4}}$


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|  | $6 \text { mons, }$ |

May.- ft is generally agreed that bread made from wheat flour is more strengthening than bread made from barley or oats. The reason is thus stated ; because, as gluten, albumen, and caseine are the only substances in the bread capable of forming blood, and consequently sustaining the strength and vigor of the body, they have been appropriately called the food of nutrition, as a distinction from those which merely support respiration. Wheat contains eight hundred and twenty-five parts of starch, three hundred and fifteen of gluten, albumen and caseine, and sixty of sugar and gum, while barely contains 1,200 of starch, 120 of gluten, albumen and caseine, and 160 of sugar. Wheat is, therefore, much richer in the food of nutrition.


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28 -
28 Cowe amanals
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31 Trok off oúter wivmous
eth Month. JUNE, 30 Days. Begins on Tuesdas.




Juns.-A very short arithmetical calculation will enable any one apply the statement of the Rural World to this Canada of ours Thy valuable journal says: When we consider that less than one-third of $t$ area of the United States, and less than a fifth of the entire domain of th United States is mapped into farms, and remember of this farm area, onl one-fourth is tilled or mowed; and when we further reflect that the averag yield per acre could be doubled if the many could be brought up to th plain of the few in the practice of intensive culture; then we begin realize what numbers our country is capable of feeding, and wha waste of toil and effort comes from neglect of the economic lessons taug by the statistics of scientific agriculture. The misfortune is, that so fe think on this subject, and many who think and know, will not practicall. exert themselves.

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Fth Month. JULY, 31 Days.

Begins on Thursday

| Moon's Phases. | Quebec. | Montreal. | Perth. | Toronto. | London. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{h}_{0} \mathrm{~m}_{81 \mathrm{mo}}$ |  | h. m. ${ }_{0}$ | h. m. |
| Nirst Quarter......... 10 | ${ }^{5} 582 \mathrm{mo}$. | $5 \quad 48 \mathrm{mo}$. | 5 34 mo | 522 mo . | 514 mo |
| Full Moon........... ${ }^{18}$ | ${ }^{8} 557 \mathrm{mo}$. | 832 mo . | 821 mo |  | 81 mo |
| Third Quarter....... 25 | 351 ev . | 345 ev . | $3 \quad 33 \mathrm{ev}$. | 321 ev . | 813 ev , |


| DAY8. |  | Montreal. |  | Toronto. |  | $\begin{gathered} \text { Sun's } \\ \text { Declinat. } \end{gathered}$ | TheMoon. | Sun on Meridian. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| M. | Week. |  |  | Sun <br> Rises. | $\begin{array}{\|l} \text { Sun } \\ \text { Sets. } \end{array}$ | Sun Rises. | Sun <br> Sets. | North. | R. \& S | 18 12 5 55 <br> 25 12 6 14 |
| $\stackrel{2}{2}$ | Thur Sat. | $\begin{array}{r} \text { h. m. } \\ 420 \\ 21 \\ 22 \end{array}$ | $\begin{gathered} 7 . \mathrm{m} . \\ 7 \mathrm{46} \\ 46 \\ 46 \end{gathered}$ | $\begin{array}{r} \text { h. m } \\ 427 \\ 28 \\ 28 \end{array}$ | $\begin{array}{\|c} \text { h.m. } \\ 7 \\ 799 \\ 39 \\ 39 \end{array}$ | $\begin{array}{\|cc\|} \hline \text { Deg. } & \text { Min } \\ 23 & 6 \\ 23 & 2 \\ 22 & 57 \\ & \end{array}$ | $\begin{aligned} & \text { h. } \mathrm{m} . \\ & 2 \\ & 2 \\ & 218 \\ & 3 \\ & \text { Sets. } \end{aligned}$ | Calendar, Aspects, \&c. <br> Warm weather continues with increasing heat. Not specially sultry. |
| $\begin{array}{r} 8 \\ 9 \\ 10 \end{array}$ | c. <br> Mon. <br> Tues. <br> Wed. <br> Thur. <br> Fri. <br> Sat. | $\begin{array}{r} 723 \\ 23 \\ 24 \\ 25 \\ 26 \\ 26 \\ 27 \end{array}$ | $\begin{array}{r} 7 \% \\ 75 \\ 45 \\ 44 \\ 44 \\ 44 \\ 44 \\ 42 \end{array}$ | $\begin{array}{r} \because 30 \\ 30 \\ 30 \\ 31 \\ 32 \\ 33 \\ 34 \end{array}$ | $\begin{array}{r} 738 \\ 38 \\ 38 \\ 38 \\ 38 \\ 38 \\ 37 \end{array}$ | $\begin{array}{ll} \dddot{22} & 62 \\ 22 & 62 \\ 22 & 46 \\ 22 & 40 \\ 22 & 34 \\ 22 & 27 \\ 22 & 20 \\ 22 & 13 \end{array}$ | $\begin{array}{ll} 7 & 7 \\ 9 & 23 \\ 9 & 56 \\ 10 & 23 \\ 10 & 26 \\ 11 & 5 \\ 11 & 5 \\ 11 & 22 \\ 11 & 44 \end{array}$ | Bith Sunday after Trinity. Hay crop pretty good. Meadows need rains. Weather rather dry. Thunder storms and des. tructive lightening. Settled and pleasant. |
| $\begin{array}{r} \mathrm{ii} \\ 12 \\ 13 \\ -14 \\ 15 \\ 16 \\ 17 \end{array}$ | C. Mon. Mues. Wed. Thur Tri. Frit Sat. | $\begin{array}{r} \dddot{4} 27 \\ 28 \\ 29 \\ 30 \\ 31 \\ 32 \\ 33 \end{array}$ | 773 74 42 41 41 41 40 39 | $\dddot{4} 34$ 34 35 36 37 38 39 | $\begin{array}{r} \dddot{7} 36 \\ 36 \\ 36 \\ 35 \\ 34 \\ 34 \\ 34 \end{array}$ | $\begin{array}{ll} 22 & 5 \\ 21 & 57 \\ 21 & 48 \\ 21 & 39 \\ 21 & 80 \\ 21 & 20 \\ 21 & 10 \end{array}$ | $\begin{array}{cc} \text { Morn. } \\ 0 & 4 \\ 0 & 28 \\ 0 & 58 \\ 1 & 31 \\ 2 & 18 \\ 3 & 14 \end{array}$ | ith Sunday after Trinity. Some rains this week, but o a showery kind, not reg ular or general. Heat and sultrinoss. Extremely fin- day. All quiet and fine. |
| $\begin{aligned} & 18 \\ & 19 \\ & 20 \\ & 21 \\ & 22 \\ & 23 \\ & 24 \end{aligned}$ | c... <br> Mon. <br> Tues. <br> Wed. <br> Thur. <br> Fri. <br> Sat. | $\begin{array}{r} \dddot{434} \\ 35 \\ 35 \\ 37 \\ 38 \\ 39 \\ 40 \end{array}$ | 738 737 36 35 34 33 33 32 | $\begin{array}{r} 7 \% \\ 40 \\ 41 \\ 42 \\ 43 \\ 43 \\ 44 \\ 46 \end{array}$ | $\begin{array}{r} 730 \\ 732 \\ 81 \\ 30 \\ 29 \\ 29 \\ 29 \end{array}$ | 20 99 <br> 20 49 <br> 20 37 <br> 20 26 <br> 20 14 <br> 20 2 <br> 19 49 | $\begin{aligned} 8 & \begin{array}{rl} 8 & 41 \\ 9 & 08 \\ 9 & 08 \\ 9 & 29 \\ 9 & 53 \\ 10 & 13 \\ 10 & 35 \end{array} \end{aligned}$ | sth Sunday after Trinity. Fair and calm. Changeable aspects. Yet unsettled, Cloudy and cool. Clearer and warmer. Very fine day. |
| $\begin{aligned} & 26 \\ & 26 \\ & 27 \\ & 28 \\ & 29 \\ & 30 \\ & 30 \end{aligned}$ | C. <br> Mon. <br> Tues. <br> Wed. <br> Thur. <br> Fri. <br> Sat. | $\begin{array}{r} \dddot{4} 41 \\ 42 \\ 42 \\ 44 \\ 45 \\ 46 \\ 46 \\ 47 \end{array}$ | 773 7 30 30 28 27 26 25 | 7 4 47 48 48 49 50 61 52 | 727 26 25 24 23 22 21 | 19 37 <br> 19 23 <br> 19 10 <br> 18 56 <br> 18 42 <br> 18 27 <br> 18 18 | $\begin{array}{cc} 71 & 2 \\ \text { in } & 2 \\ \text { Morn. } \\ 0 & 38 \\ 0 & 14 \\ 1 & 4 \\ 2 & 06 \\ 3 & 18 \end{array}$ | ith Sundayafter Trinity. <br> St. James' Day. <br> Expect thunder storm. <br> Unsettled day but now quite calm and very warm. Vegetable growth abundant. |

July.-Why do so many farmers treat their horses and colts so much better than their cows and heifers? Care is taken of the former in tegard to stabling and feeding, while the cows and heifers have to shift for themselves and are often exposed to severe storms, fed on coarse straw. A cow that is poorly fed cannot give much wilk, nor milk of a good quality Milk is among the most nutritious of all the substances we consume, and cannot be manufactured from food that does not contain nutritious substances. We have heard of farmers telling their wives not to give corn to the cows, because it dries them up. It is not so, and the women show proper sense when they give good food to the cows, even though the husband should grumble. Good feeding to milch cows pays quite as well and better than almost any other animal.

| Moon's Phases. |  | Quebec. | Montreal. | Perth. | Toronto. | London. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | D. | h. m | h. m. | h. m | h. m. | h. m . |
| New Moon.. | 8 | ${ }^{8} 8.40 \mathrm{mo}$. |  | ${ }_{10}^{8} \quad 32 \mathrm{mo}$ m. | ${ }_{10}^{810} 12 \mathrm{mov}$. | ${ }^{8} 2 \mathrm{mmo}$ |
| First Quarter | 16 | ${ }_{8}^{10} 42 \mathrm{46} \mathrm{ev}$. | + | 10 8 24 ev. | ${ }^{8} 816 \mathrm{ev}$. | ${ }^{8} 8{ }^{8} \mathrm{ev}$. |
| Third Quarter...... | 23 | 851 ev . | 844 ev . | 833 ev . | 821 ev . | 818 ev . |
| New Moon. . | 30 | 653 ev . | 646 ev . | 635 ev . | 623 ev . | 615 ev . |


| DAYS. |  | Montreal. |  | Toronto. |  | $\begin{gathered} \text { Sun's } \\ \text { Declinat. } \end{gathered}$ | $\begin{aligned} & \text { The } \\ & \text { Moon. } \end{aligned}$ | Sun on Meridian. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| M. | Week. |  |  | Sun | Sun | Sun | Sun | North. | R. \& S. | 9 12 5 11 <br> 18 12 8 40 |
|  |  |  |  |  |  |  |  | 25 12 1 56 |
| $\begin{aligned} & 1 \\ & \mathbf{2} \\ & 8 \\ & 4 \\ & \mathbf{5} \\ & \mathbf{6} \\ & 7 \end{aligned}$ |  | h. m. | h.m. | h.m. | h.m. | De |  | Calendar, Aspects, de. |
|  | Mon. | + 41 | 724 22 | 4 54 | ${ }^{7} 18$ | $\begin{array}{ll}17 & 58 \\ 17 & 42\end{array}$ | Sets. 8821 | 10th sunday after Trinity |
|  | Tues. | 51 | 21 | 56 | 16 | $17 \quad 27$ | 847 | vely cool, but after tuesday |
|  | Wed | 52 | 20 | 57 | 15 | 1711 | 98 | the heat in creases and for |
|  | Thur | 53 | 19 | 58 | 14 | 1685 | 927 | a week continues hot. |
|  | Fri. | 55 | 17 | 59 | 13 | 1638 | 94 | Some clouds, winds and |
|  | Sat. | 66 | 16 | 500 | 12 | 1621 | 107 | a seve |
| 8 |  | 457 | 714 | 5 i | 10 | 16.4 | $10^{10} 30$ | 1oth Sunday after Ťrinity. |
|  | Mon. |  | 12 |  |  | $15 \quad 47$ | $10 \quad 57$ | Coal evenings but very |
| 10 | Tues. | 59 | 11 |  |  | 1530 | 1128 | warm day. Showers have |
| 11 | Wed. | 51 | 9 | 5 |  | 1512 | Morn. | fallen and the heat has |
| 12 | Thur. |  | 8 | 6 |  |  |  | abated very pleasant day |
| 13 | Fri. | 8 | 7 | 7 | 8 | 14.36 |  | so it is down to this |
| 14 | Sat. | 3 | 5 | 8 | 1 |  | 159 | night. |
| 15 | c. | 5 5 |  | $\ldots$ | 6 59 |  | ii | T2̇th Sünday after Trinity. |
|  | Mon. |  |  | 10 |  | 1340 | Rises. | This week will prove |
|  | Tues. | 7 |  | 11 | 57 | ${ }^{13} 20$ | 735 | warm, sultry and oppres. |
| 18 | Wed. | 8 | 659 | 12 | 56 |  | 757 | ive, but the cool evenings |
| 19 | Thur. | 9 | 57 | 13 | 54 | 12.42 | 818 | a e a great relief. Some |
| 20 | Fri. | 11 | 55 | 14 | 52 | 1222 | 840 | thunder and great fear of |
| 21 | Sat. | 12 | 54 | 16 | 50 | 112 | 916 | mo |
|  | c... | ¢ 13 | $\cdots$ | ¢77 | 6 49 |  | $\dddot{9} 36$ | ізĭ Sundayafter Trinity. |
|  | Mon. | 14 | 50 | 18 | 47 | 1121 | 1011 | A very fine day |
| 24 | Tues. | 15 | 48 | 19 | 46 | 11. | $10 \quad 57$ | St. Bartholomer |
|  | Wed. | 18 | 46 | 20 | 44 | 1040 | 1155 | No rains for the remainder |
| 27 | Thur | 19 | 45 | 21 | 43 | 1019 | Morn. | of this week, unless the |
| 27 | Fri. | 20 | 43 | 22 | 40 | 958 |  | wind suddenly changes to |
| $28$ | Sat. | 21 | 41 | 24 | 38 | 937 | 218 | East or North East. |
|  |  |  |  |  |  |  |  |  |
| 30 | Mon. |  | 38 | 326 | 36 | 854 | Sets. | Cool for the season, but |
| 31 | Tues. | 24 | 36 | 27 | 34 | 833 | 710 | rising thermometer. |

August.-On the subject of profit arising from the proper treatment of milch cows, let it be remembered, that the average value of milk in town and country is six cents a quart. Suppose a cow to give three gallons a day, that would bring 72 cents, or nearly 22 dollars per month, as the value of her product. What other animal will make such generous returns for food, care, and generous feeding. Sound policy, therefore, demands cleanliness, good food, and proper shelter. Besides, every farmer knows, or ought to know, that the quality and quantity of manure which the farm requires depends on attention to the matter on which we have here written. An Englishman says, the more we feed the more we can produce, but he certainly means we should do the teeding on our own land or premises, and not on the king's highway. That is absolute folly and

1875.]
memorandum for august.


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9th Month. SPPTEEMEERE, 30 Days. Begins on Wednesiday



10th Month. OCTOBER, sI Days.

Begins on Friday

| Moon's Phases. | Quebec. | Montreal. | Parth. | Teronto. | London. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | h. m. | h. m. | h. m. | h. | h. |
| First Quarter....... 7 | 11.17 mo . | 1110 mo . | $10 \quad 59 \mathrm{mo}$. | 10.47 mo . | 10.35 mo |
| Full Moon..... ... 14 | 6. 27 ev . | 620 ev . | $6 \quad 10 \mathrm{ev}$. | $5 \quad 57 \mathrm{ev}$. | 545 ev . |
| Third Quarter...... 21 | 925 mo . | 918 mo . | 97 mo . | ${ }^{8} \quad 55 \mathrm{mo}$. | 847 mo |
| New Moon.........\| 29 | 025 ev . | 018 ev . | $0 \quad 7 \mathrm{ev}$. | $11 \quad 55 \mathrm{ev}$. | 1147 ev |



October.-There have been great differences of opinion concerning the virtues of orchard grass. This, like most other things, is settled by experiment. A writer in the Philadelphia Press says that he has had a field of orchard grass over 30 years, that still gives bounteous crops breast high at maturity. The soil is strong, sandy loam. It was originally seeded in connection with red clover and timothy, which were long ago run out. There is now anuually some white clover and blue grass which aids to make a thick bottom growth. The orchard grass, however, maintains the ascendancy, and he knows of nothing, alfalfa excepted, which will yield annually so much cattle food. But it is even superior to alfalfa or lucern as it is sometimes called, because better adapted to the rigorous temperature of northern latitudes. The facts herein recited, are worth remembering.



11th Month. NOVEMBEIR, 30 Days. Begins on Monday


November.-Theory, based on experience, respecting raising pork, has been furnished by a correspondent, who says, during the hot summer months I would give very solid food, such as corn in the ear or uncracked. I would keep hogs on green food constantly, either grass, oats, or rye ; and feed them at regular intervals, once or twice a day upon mashed food, either shorts, chopped oats, or rye, or buckwheat, \&c., fed in troughs. When fed in this way and at the same time allowed access to water and shade, then they will make flesh. This also purs them in good condition for corn feeding, which should commence about the first of September, when the new crop is new and tender. Treated in this way, there is no doubt about hogs flourishing.





## THE QUEEN.

Vieroma, of the Unitad Kingdom of Great Britain and Ireland, \&ce, Qucen Defender of the Faith. Her Majesty was born at Kensingtoy Palad May 24, 1819 ; succeeded to the throne June 20, 1837, on the death of he uncle King William IV.; was crowned June 28, 1838; and marria February 10, 1840, to his late Royal Highness Prince Albert. He Majesty is the only child of his late Royal Highness Edward Duke Kent, son of King George III. The Children of Her Majesty are :He: Royal Highness Victoria-Adelaide-Mary-Louisa, Princess Royalo England and Prussia, born November 21, 1840, and married to his Roy Highness Frederick William of Prussia, January 25, 1858, and has issue fir sons and three daughters.
His Royal Highness Albert-Edward, Prince of Wales, born Novembe 9, 1841 ; married March 10, 1863, Alexandra of Denmark (Princess Wales), born December 1, 1844, and has issue three sons and three daug ters.
Her Royal Highness Alice-Maud-Mary, born April 25, 1843, married H. R. H. Prince Frederick Louis of Hesse, July 1, 1862, and has issue this daughters and two sons.
His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, bor August 6, 1844.
Her Royal Highness Helena-A ugusta-Victoria, born May 25, 1846, marrif July 5, 1866, Prince Frederick Christian of Schleswig-Holstein, and his issue two sons and one daughter.

Her Royal Highness Lonisa-Caroline-Alberta, born March 18, 1848, ma ried March 23, 1871, to the Marquis of Lorne.

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

His Royal Highness Leopold-George-Duncan-Albert, born April 7, 18
Her Royal Highness Beatrice-Mary-Victoria-Feodore, born April, 14, 185

## DOMINION OF CANADA.

## Seat of Government, Ottawa.

Governor-General.-His Excellency the Right Honorable Earl Dufferina Clandeboye, Governor-General of the Dominion of Canada, and Govern General and Commander in Chief.
J. Baker, Governor's private secretary ; lient. col. H. C. Fletcher, militar secretary ; lieut. col. F. T. R. Hamilton, 9th regt. aide-de-camp ; lieut. ci Bernard, lieut. colonel F. Cumberland, extra aides-de-camp.

Deputy Governors to sign Money Warrants.-Wm. A. Himsworth and A. Meridith, LL.D.

Privy Council.-Premier and minister of public works, hon. Alexand MacKenzie ; minister of justice, Hon. T. Fournier ; minister of marine af fisheries, hon. A. J. Smith ; minister of agriculture, hon, Letellier de s Just; minister of finance, hon. R. J. Cartwright; secretary of state for the interior, hon.'David Laird; secretary of state, hon. R. W. Scott ; minister customs, hon. Isaac Burpee ; postmaster-general, hon, D.A. MacDonald ; ceiver general, hon. Thomas Coffin; minister of inland revenue, hon. Geoffrion ; minister of militia and defence, hon, A, W. Vail ; president of to Privy Council, hon, L. S. Huntington.

Hon. James Sba

Hon. Timothy W
ME
John G. Haggar
Daniel Galbraith William Murray, John Lorn McDo

Lieutenant Gover Private Secretary Executive Counc and registrar and $\mathbf{t}$ of crown lands, hi commissioner of F Assistant clerk, H.
Department of $I$ education, rev. Eg! education and editor barrister at law ; se

ME
Hon. Rupert Mea Abraham Code, W. C. Caldwell, Eric Harrington, Thos. Deacon, No

Lientenant-Goverı aide-de-camp.
Executive Counci retary and registrar attorney general ; h commissioner of cri works ; hon. P. Gar solicitor general.
Crown Timber age

# SENATE. <br> Hon. David Christie, Speaker, (Paris, Ont.) <br> SENATOR-LANARK. 

Hon. James Shaw, Smith's Fall, P.O.

## HOUSE OF COMMONS.

Hon. Timothy Warren Anglin, Speaker.

## MEMBERS-LANARK AND RENFREW.

John G. Haggart, South Riding Lanark, Perth, P.O. Daniel Galbraith, North Riding Lanark, Almonte, P.O. William Murray, North Riding Renfrew, Pembroke, P.O. John Lorn McDougall, South Riding Renfrew, Renfrew, P.O.

## PROVINCE OF ONTARIO.

> Seat of Government-Toronto.

Lieutenant Governor.-Hon. John Crawford.
Private Secretary.-E. G. Curtis.
Executive C'ouncil.-Attorney General, hon. Oliver Mowatt; secretary nd registrar and minister of agriculture, hon. A. McKellar ; commissioner of crown lands, hon. T. B. Pardee ; treasurer, hon. Adam Crooks, Q.C.; rommissioner of public works, hon. C. F. Fraser ; clerk, J. G. Scott; assistant clerk, H. Kinlock.
Department of Public Instruction for Ontario.-Chief superintendent of education, rev. Egerton Ryerson, D.D., LL.D.; deputy superintendent of education and editor of the Journal of Education, J. George Hodgins, LL.D., barrister at law ; senior clerk and accountant, Alex. Marling.

## MEMBERS-LANARK AND RENFREW.

## Hon. Rupert Mearse Wells, Speaker.

Abraham Code, South Riding Lanark, Innisville, P.O.
W. C. Caldwell, North Riding Lanark, Lanark, P.O.

Eric Harrington, South Riding Renfrew, Arnprior, P.O.
Thos. Deacon, North Riding Renfrew, Pembroke, P.O.

## PROVINCE OF QUEBEC.

## Seat of Government-Quebec.

Lieutenant-Governor.-Hon. René E. Caron ; Major J. B. Amyot, V.M., aide-de-camp.
Executive Council.-Hon. C. B. deBoucherville, premier; provincial secretary and registrar and minister of public instruction ; hon. T. R. Church, attorney general ; hon. Jos. Gibb Robertson, treasurer ; hon. H. G. Malhiot, commissioner of crown lands; hon. A. R. Angus, commissioner of public works ; hon. P. Garneau, speaker Legislative Council ; hon. Félix Lemaire, 8olicitor general.

Crown Timber agent at Ottawa, A. J. Russell.

## PROVINCE OF NEW BRUNSWICK.

## Seat of Government-Fredericton.

Lieutenant-Governor.-Hon. S. L. Tilley, C.B.
Executive Council.-Hon. R. Young, president, Gloucester; hon. G. King, St. John ; hon. Wm. M. Kelly, Northumberland ; hon. John J. Frase York; hon. Benjamin Stephenson, Charlotte; hon. Angus McQueen, Wesh morland : hon. J. H. Crawford, St. John ; hon. E. Willis, St. John ; F. A H. Straton, clerk.

## NOVA SCOTIA.

## Skat of Goyernment-Halifax.

Lieutenant Governor.-Hon. A. G. Archibald.
Executive Council.-Hon. W. Annand, treasurer; hon. W. H. Smith attorney-general ; hon. W. B. Vail, provincial secretary; hon. Daniel $M$ Donald, commissioner of Mines and Works ; hon. Alonso J. Wright, commis sioner of crown lands.

Hon. R. A. McHeffey, hon. J. Fergusson, hon. Robert Robinson hot James Cochran, members without office.

## PRINCE EDWARD ISLAND.

His Honor Sir Robert Hodgson, Kt., lieutenant governor ; H. E. A Robinson, private secretary.
Executive Council.-Hon. Robert P. Haythorne, hon. Edward Palmer, hon Peter Sinclair, hon. James R. McLean, hon. James Muirhead, hon. Henry Beer, hon. James Yeo, hon. James Hogan.

## PROVINCE OF MANITOBA.

Seat of Government-Fort Garry.
Liegtenant Governor of Manifoba and North-West Territories-He Honor Alexander Morris, P.C.
executive council.
President-Hon. James McKay.
Attorney General-Hon. H. J. Clark, Q.C.
Provincial Secretary Hon. Joseph Royal.
Provincial Treasurer-Hon. Thomas Howard.
Commis. Public Works and Agriculture-Hon. J. Norquay.
Minister of Education-Hon. A. Boyd.
PROVINCE OF BRITISH COLUMBIA.
Seat of Government-Victoria, V. I.
Lieutenant Governor.-Hon. Joseph W. Trutch.
Private Secretary.-A. G. J. Pinder.
Executive Council.-Hon. J. Ash, provincial secretary ; ——provincia treasurer; hon R. Beavin, chief commissioner lands and works; hon. G.A Walkem, attorney-general and premier ; hon. W. J. Armstrong, (withou office).

Quebec.-L. Staf Montreal.-J. J. Othawa.-W. J. Kingston.-R. M Toronto.-J. A. 1 Hamilton.-R. H St. John, N, B.Chatham, Miram. Halifax, $\boldsymbol{N}, S .-1$ Fort Garry.-G. North West Terr

Hon. D. A. McD،
W. H. Griffin, de Villiam White, sec Money Order Bri Savings Bank B1 Inspectors.-J. D ard, A. Woodgate Baker.

Thomas Cairns, 1 Office Hours.-Fr

## How to Lay off of Gro

Measure 209 feet ou will have a se in inch.

Barrel M
A barrel of fl pounds.
A barrel of pork,
A bag of rice, 224
A keg of powder,
A firkin of butter
A tub of butter, 5

Gmi-Edged But "gilt-edged butter,' but complain when them for theirs. T proper care and at give. There are m most any price for there is no excuse fi

## EMIGRATION DEPARTMENT.

Quebec.-L. Stafford, agent ; A. Stein, assistant.

Montreal.-J. J. Daley, agent.
; hon. G. in J. Frasee jueen, Wesi Iohn ; F.
H. Smith Daniel Mc ht, commis
jinson hoo
; H. E.
almer, hon ion. Henry

Otlava.-W. J. Willis, agent.
Kingston.-R. Macpherson, agent.
Toronto.-J. A. Donaldson, agent.
Hamilton. - R. H. Rae, agent.
St. John, N. B.-Robert Shives.
Chatham, Miramichi, N.B.-Wm. Dickinson.
Halifax, $\boldsymbol{N}, \boldsymbol{S} .-\mathrm{E}$. Clay.
Fort Garry.-G. McMicken, resident agent.
North West Territory.-J. A. N. Provencher.

## POST OFFICE DEPARTMENT.

Hon. D. A. McDonald, Postmaster General.
W. H. Griffin, deputy postmaster general ; H. A. Wickstead, accountant ; Villiam White, secretary ; John Ashworth, cashier.
Money Order Branch.-P. Le Sueur, superintendent.
Savings Bank Branch.-J. C. Stewart, superintendent.
Inspectors.-J. Dewe, G. E. Griffin, M. Sweetman, E. King, W. G. Shepard, A. Woodgate, John McMillan, and for the Kingston Division, R. W. saker.

Thomas Cairns, Postmaster.
Office Hours.-From 9 a.m. to 8 p.m. daily, Sundays excepted.

## Elow to Lay off a Square Acre of Ground.

Measure 209 feet on each side, and sou will have a square acre within an inch.

## Barrel Measure.

A barrel of flour weighs 196 pounds.
A barrel of pork, 200 pounds.
A bag of rice, 224 pounds.
A keg of powder, 25 pounds.
A firkin of butter, 56 pounds.
A tub of butter, 50 pounds.

## Bushel Measure.

The following are sold by weight per bushel :

Wheat, beans, and clover-seed, 60 pounds to the bushel.
Corn, rye, and flaxseed, 56 pounds.
Buckwheat, 50 pounds.
Barley, 48 pounds.
Oats, 32 pounds.
Bran, 20 pounds.
Timothy-seed, 45 pounds.
Peas, 66 pounds.
Coarse salt, 85 pounds.
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> GurT-EDGED BUTTER.-Farmers often speak, sometimes sneeringly, of "gitt-edged butter," meaning that which brings the highest market prices, but complain when perhaps a third or balf of the gitt-edged price is offered them for theirs. The high price is simply the return for the exercise of proper care and attention which they, in preparing their butter, failed to give. There are many more customess in town and city who will pay almost any price for the best quality of butter that can be supplied, and there is no excuse for the production of an inferior quality.

## RATES OF POSTAGE.

Postage on all matter transmissible by Post-within Canada-to Prince Edward Island, Newfoundland, Great Britain, France and the United States.

$\qquad$

book Post, if Foreign. . $\qquad$


Parliamentary Papers 1 cent per 2 oz. .

Petiticns and addresses to Provincial Legislatures, votes and proceedings and other papers printed by order of said Legislatures

Note-The postage upon all matter referred to in the above table must be prepaid by postage stamps. Unpaid books are sent to the Dead Letter Office.

| Description of matter. | To the United States. |
| :---: | :---: |
| Letters | 6 cents per $\frac{1}{2} \mathrm{oz}$. |
| Books..... | 1 cent per 2 ounce. |
| Cartes de Visite. . . . . . . . . . . . . . . . . . . . . . . | Do. |
| Circulars-Printed. . . . . . . . . . . . . . . . . . . . . . . . . . . | Do. |
| Lithographed Letters and Circulars....... | Do. |
| Newsy apers, Canadian same as in Canada subject on delivery to U. S. Postage.... | Do. Do. Do. |
| Newspapers, transient.. . . . . . . . . . . . . . . . . |  |
| Pamphlets, almanacs, and other annual Publications 1 cent per 2 ounce.. ........ |  |
| "Parcel Post' packages . ............... | Do. |
| Patterns of Merchandise for sale cannot | Same as between place |
| Periodicals |  |
| $\dagger$ Photographs in cases..................... | Do. |

## JOHN HART, keeps a full assortment of Goodall \& Sons Fancy Stationery.

## a) BRITISH BOOK POST.

Under 1 ounce. .............. 2 cents. Between 1 and 2 ounces.... 4 4. 2 and $4 \quad 4 \quad \ldots .6$ $\because 4$ and $8 \quad 4 \quad \ldots .12$ " 4 8 oz . and $12 \mathrm{oz} . . .18$ 4
« 12 oz . and $1 \mathrm{lb} . . . .24$ 4
" 1 lb . and $1 \frac{1}{4} 1 \mathrm{lb} . \ldots . .30$ *

* $1 \frac{1}{2} \mathrm{lb}$. and $1 \frac{1}{2} \mathrm{lb} . \ldots .36$ is
(b) FRENCH BOOK POST.

Under 2 ounces. . . . . . . . . . . 4 cents.
Between 2 and 4 ounces ... 8 "
"4 4 and 8 ".... 16 "
" 8 and 12 " 12 to 124 is
nd so on.

A Book Packet may coutain any number
of separate books, publications, works of lite-
rature and art, almaracs, maps or prints. photographs, daguerreotypes, when not on glass, or in frames containing glass; any quantity of paper, vellum or parchment, (to mass land, or Prince Edward Island..... 2 cents. printed or plain orany mixture of the three; To the United States.................... 5 printed or plain, or manymixture of the three; To the United Kingdom................. 8 is and may be either British, Colonial or To France .......................
(Per $\frac{1}{4}$ oz.)
Fook Packets must be open at both ends, or both sides.

## (c) PARCEL POST.

Not to exceed 4 lbs . in weight and 2 feet in length and width.
To and from any point in Canada
 Between $\frac{1}{2} \mathrm{lb}$. and 1 lb . 25 " " 1 lb, and $121 \mathrm{lb} .37 \frac{1}{2} \quad$ 4 For every extra $\frac{1}{2} \mathrm{lb}$. $12 \frac{1}{2}$ cents.

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REGISTRATION ON LETTERS.

## REGISTRATION.

No Letter, Book, Parcel, or Packet of any kind whatever, can in future be received for registration unless both postage and registration fee are fully prepaid.

The postage and registration fee should in all cases be paid by postage stamps.
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Brunswick, Nova

## MONEY ORDERS.

Every money order office in the Provinces of Quebec, Ontario, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba and British Columbia, issues money orders on every other money order office in these Provinces, as well as on every money order office in the United Kingdom. Every money order office in the United Kingdom also issues money orders on every money order office in these Provinces.
All the money order Post Offices are authorized to draw money orders on each other for any sum up to $\$ 100$, and for as many orders of $\$ 100$ each, as the applicant may require, upon the following term, viz.,


## MONEY ORDERS ON THE UNITED KINGDOM.

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


MONEY ORDERS ON THE LOWER PROVINCES.
The money order offices in Canada draw also upon all money order offices in Newfoundland. Orders like those of the United Kingdom, are made payable in sterling money, and for sums up to $\boldsymbol{£} 10$ sterling. The terms are :

For orders up to $\pm 5,25$ cents.
". over $£ 5$ and up to $£ 10,50$ cents.
No half cents can be introduced into orders.
No money order exceeding $\$ 100$ in amount can be granted in any office in Canada; but Postmasters are at liberty to grant two or more orders for $\$ 100$, or for any lesser sum. - They cannot, however, grant two or more orders for sums of or under $\$ 30$ on the same day to the same applicant in favor of the same payee.

## POST, OFFICE SAVINGS BANK.

1. The direct security of the Dominion is given by the Statute for all deposits made in the Post Office Savings Banks.
2. Any person may have a deposit account, and may deposit yearly any number of dollars, from $\$ 1$ up to $\$ 300$, or more with the permission of the Postmaster General.
3. Deposits may be made by married women, and deposits so made, or made by women who shall afterwards marry, will be repaid to any such women.
4. As respects children under ten years of age, money may be de-posited-
Firstly-By a parent or friend as Trustee for the child, in which case the deposits can be withdrawn by the Trustee until the child shall attain the age of ten years, after which time repayment will be made only on the joint receipts of both Trustee and child.
Srcondly-In the child's own name-and, if so deposited, repayment will not be made until the child shall attain the age of ten years.
5. A depositor in any of the Savings Bank Post Offices may continue his deposits at any other of such offices, without notice or change of Pass Book, and can withdraw money at that Savings Bank Office which is most convenient to him. For instance, if he makes his first deposit at the Savings Bank at Cobourg, he may make further deposits at, or withdraw his money through, the Post Uffice bank at Collingwood or Quebec, Sarnia, Brockville, or any place which may be convenient to him, whether' he continue to reside at Cobourg or remove to some other place.
6. Each depositor is supplied with a Pass Book, which is to be produced to the Postmaster every time the depositor pays in or withdraws money, and the sums paid in or withdrawn are entered therein by the Postmaster receiving or paying the same.
7. Each depositor's account is kept in the Postmaster General's Office, in Ottawa, and in addition to the Postmaster's receipt in the Pass Book, a direct acknowledgment from the Postmaster General for each sum paid in is sent to the depositor. If this acknowledgment does not reach the depositor within ten days from the date of his deposit, he must apply immediately to the Postmaster General, by letter, being careful to give his address, and, if necessary, renew his application until he receives a satisfactory reply.
8. When a depositor wishes to withdraw money, he can do so by applying to the Postmaster General, who will send him by return mail a cheque for the amount, payable at whatever Savings Bank Post Office the depositor may have named in his application.
9. Interest at the rate of 4 per cent. per annum is allowed on deposits, and the interest is added to the principal on the 30th June in each year.
10. Postmasters are forbidden by law to disclose the name of any depositor, or the amount of any sum deposited or withdrawn.
11. No charge is made to depositcrs on paying in or drawing out money, nor for Pass Books, nor for postage on communications with the Postmaster General in relation to their deposits.
12. The Postmaster General is always ready to receive and attend to all applications, complaints, or other communications addressed to him by depositors or others, relative to Post Office Savings Bank business.
13. A full statement of the Regulations of the Post Office Savings Bank may be seen at the nearest Post Office.

## THE STAMP ACTS.

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

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

Those printed in and those marked

POST (
post offices.

- Almonte.

Allan's Mills
Appleton $\qquad$
Balderston
Bennie's Corners..
Blakeney $\qquad$
Bolingbroke $\qquad$

- Carleton Place....

Cedar Hill
Clayton.
Doran. $\qquad$
Elliot $\qquad$
$\qquad$
Fallbrook
Ferguson's Falls.
Franktown
Galbraith
Glen Tay
Hamlet
Hopetown
Harper
Huntersville
Innisville

- Lanark $\qquad$
Levant. $\qquad$
Maberley $\qquad$
MeDonald's Corne
Middleville. $\qquad$
Montague $\qquad$
- Pakenham.

Perth $\qquad$
Playfair. $\qquad$
Poland. $\qquad$
Port Elmsley
Prospect. $\qquad$
Rokeby. $\qquad$
Rosetta. $\qquad$
-Smith's Falls....
Tatlock. $\qquad$
Tennyson
Watson's Corners White.

POST (
*Arnprior.
Admaston $\qquad$
Note Papers, sale

Satchels and Fancy Boxes, imported direct by JOHN HART.
1875] CANADIAN FARMER'S ALMANAC. 37

# LIST OF POST OFFICES IN TAE COUNTIES OF LANARK \& RENFREW, <br> On 1st November, 1874. 

Those printed in Italics are authorised to grant and pay money orders, and those marked * are authorized to sell Bill Stamps.

POST OFFICES IN THE COUNTY OF LANARK.


Allan's Mills........................Burgess................................Wm. Allan.
Appleton........................... " ...........................Albert Teskey.
Balderston........................Bathurst ......................... J. W. Cowie.
Bennie's Corners...............Ramsay.............................Alex. Leisham.
Blakeney ..........................Ramsay .............................Peter McDougall.
Bolingbroke .....................S. Sherbrooke ....................John Korry.

- Carleton Place.................Beckwith .........................P. Struthers.

Cedar Hill.........................Pakenham ........................John Connery.
Clayton............................Ramsay........................... O. Banning.
Doran..............................Bathurst...........................W. Doran.
Elliot .............................. " ...........................Wm. McClennan.
Elphin.............................N. Sherbrooke..................Isaac Blumberg.
Fallbrook.........................Bathurst..........................Walter Cameron.
Ferguson's Falls............... Drummond.......................Chas. Hollinger.
Franktown.......................Beckwith .........................E. McEwen.
Galbraith ........................Lanark ............................Joseph Matthie.
Glen Tay..........................Bathurst..........................James Kearns.
Hamlet............................N. Burgess.......................Michael Stanley.
Hopetown .................. ....Lanark ............................John White, jun.


Innisville..........................Drummond.......................TThomas Code.
-Lanark.............................Lanark ..................................William ${ }^{\text {R }}$ Robertson.
Levant............................Levant ............................Arch. Browning.
Maberley .........................S. Sherbrooke..................Isaac Goldman.
McDonald's Corners...........Dalhousie..........................Wm. Lock.
Middleville...... .................Lanark ...........................W. Croft.
Montague.........................Montague..........................Peter Clark.
-Pakenham.......................Pakenham .......................
Perth ..............................Drummond .....................TThomas Cairns.
Playfair............................Bathurst..........................Jonas Grant.
Poland.............................Dalhousie.........................Moses Poal.
Port Elmsley ......................N. Elmsley .........................John Elliott
Prospect.............................Beckwith.........................William Burrows.
Rokeby.............................S. Sherbrooke.................... A. Adams.
Rosetta................ ...........Lanark ...........................R. McFarlane.
*Smith's Falls....................N. Elmsley........................Robert Baird.
Tatlock............................Darling ...........................P. Guthrie.
Tennyson ........................Drummond .....................D. McGregor.
Watson's Corners...............Dalhousie............ ...........John Munro.
White.................................Darling..................................Geo. W. Beaton.
POST OFFICES IN THE COUNTY OF RENFREW.
*Arnprior......................... McNab............................E. A. Bates.
Admaston.
Admaston.. .....................Jane Patterson.
Note Papers, Slates, School Books, at the lowest Whole-
sale prices, by JOHN HART, Importer.

## Canvass:

- POST OFFICES IN THE COUNTY OF RENFREW.-Continued.
post offices, ' $\quad$ t. pownships. postmasters.
Bagot. $\qquad$ Bagot
Westmeath
................George Surtees.
Burnstown ..........................McNab ..................................Donald McRae.
Balmer's Isiand................. " ............................Arch. McInnes.
Brudenell .. .....................Brudenell .........................John Moran.
Calabogie ........................Bagot..............................D.D.Dillon.
Castile ........................... South Algona...................Edm. Bennett

Cobden................................................................................John R. R. McDonald
Combermere .....................Radcliffe.............................D. Johnson.
Dacre.............................Brougham .......................Thos. McWilliams.
Douglas............................................................D. Ferguson.
Eganville..........................Gratton,...........................John Quealy.
Forrester's Falls................Ross................................. Oliver F orrester.
Gower Point,................... Westmeath .......................T. M. Cars well.
Griffith.............................Griffitb.
Harcourt.........................Ross.....................................Mrs. A. R. Hutton.
High Falls......................Blithfield ........................T. H. Dillon.

Locksley................................................... ....... ......Wtatawachan ................John McGregor,
Madrid............................Sebastopol.........................

- Pembroke .......................Pembroke.........................Alex. Moffat.

Petewawa..... ..................Petewawa ........................Sol. Divine.
Point Alexander...............Rolph...,...........................John Lane.
Rankin............................. Wilberforce ......................W. P. Edward.
*Renfrew..........................Horton ............................William McKay.
Ross ................................Rcss................................James McLaren
Rockingham ....................Brudenell........................J. S. Watson.
Rockliffe .........................Head ................................W. H. McInryre.

Sand Foint.......................McNab ............................Ed, Derenzy,
Sbamrock........................Admaston........................P. Gorman.
Stafford...........................Stafford..............................R. Cbilderhose.
Vanbrugh.
Sebastopol
Westmeath
Westmeath
C. F. Holterman.

White Lake
McNab.
A. Fraser.
A. Stirling,

## COUNTY OF LANARK.

Judge.-William S. Senkler, Perth, P. O.
Sheriff:-James Thompson, Lanark, Perth, P. O.
E. G. Malloch, County Crown Attorney and Clerk of the Peace, Perth; Edward Elliot, Master and Deputy Registrar in the Court of Chancery, Perth.

Charles Rice, Deputy Clerk of the Crown and Pleas, Registrar of Surrogate Court, and Clerk of the County Court, Perth.

William Lees, Warden ; Thomas Brooke, County Clerk; W. W. Berford, Treasurer ; James Bell, Perth, Registrar, S. R.; John Menzies, Almonte, Registrar, N. R. ; D. Kellock, Uollector Inland Revenue, County of Lanark.

This Court is f of five persons m tends to actions to personal chatt in each division,
"Special Sumx service thereof uI detendants reside the notice require by a sole defenda dispute the plain after receiving a of service, may, ( judgment agains the claim, or so 1 content with jud

If the plaintiff he must proceed disputed shall be defendants.
(See General R in Ontario, \&c.,-

## SITTINGS OF T

| Court. | Pla |
| :--- | ---: |
| First ... | Perth, |
| Second .. | Lanark <br> Hall |
| Fourth ... | Smith's |
| Third .... | Carletc |
| Sixth.... | Almont |
| Fifth..... | Pakenh |
| SITTINGS OF |  |
| (Withı |  |

Each Court
tinued.
TERS.
annedy. rtees. Rae. nnes.

SITTINGS OF THE SEVERAL DIVISION COURTS IN THE COUNTY OF LANARK FOR 1875.

| Court. | Place where held | Dayofweek | Jan. | Mar. | May | July | Sp. | Nv |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First | Perth, Court House........ | Wedn'sd'y. | 6 | 3 | 5 | 7 | 15 | 10 |
| Second .. | Lanark Village, Town Hall | Friday...... | 8 | 5 | 7 | 9 | 17 | 12 |
| Fourth .. | Smith's Falls, do | Tuesday .... | 12 | 9 | 11 | 13 | 21 | 16 |
| Third .... | Carleton Place, do | Wedn'sd'y. | 13 | 10 | 12 | 14 | 22 | 17 |
| Sixth.... | Almonte, Court Room.... | Thursday.. | 14 | 11 | 13 | 15 | 23 | 18 |
| Fifth..... | Pakenham, Town Hall....! | Friday... | 15 | 12 | 14 | 16 | 24 | 19 | SITTINGS OF COUNTY COURT, SITTINGS OF COUNTY COURT AND GENERAL SESSIONS of the PEACE,

$\qquad$
County and Surrogate Court Terms commence-4 January; 5 April ; 5 July ; 4 October.

## Each Court opens at 10 A.M.

W. S. SENKLER, Co. Judge of Lanark.

# LIMITS AND OFFICERS OF DIVISION COURTS, LANARK. 

first division.- Court House, Perth.

Clerk, Robert Jamieson, Perth, P. O. ; Bailiffs, Duncan McKerracher and James Patterson, Perth, P. O.; Limits: the Townships of Drummond, Bathurst, Sherbrooke, Burgess and all that nart of the Township of Elmsley north of the Ridean River, within the County of Lanark, and west of lot No. 12 in each concession.

> skcond division.-Town Hall, Lanark.

Clerk, William Robertson, Lanark, P. O. ; Bail ff,——Lanark, P. O.; Limits : the Townships of Lanark, Dalhousie, Darling, Levant, and North Sherbrooke.

> third dirision.-School House, Carleton Place.

Clerk, James Poole, Carleton Place, P. O. ; Bailiff, George McPherson, sen., Carleton Place, P. O. ; Limits : the Township of Beckwith and lots Nos. 1, 2, 3, 4, 5 and 6 in the 1st, 2nd, 3rd, 4th, 5th, 6th and 7th concessions, in the Township of Ramsay.

> Fourth division.-Town Hall, Smith's Falls.

Clerk, W. M. Keith, Smith's Falls P.O.; Bailiff, Henry Chalmers, Smith's Falls, P.O.; Limits : that part of the Township of Elmsley north of the Rideau River, from lot No. 1 to lot No. 12 in each concession, both inclusive, and the Township of Montague.
fifth division.-Town Hall, Pakenham.
Clerk, John Cowan, Pakenham, P. O.; Bailiff, W. H. Hill, Pakenham, P. O; Limits : the Township of Penkenham.

## sixth division.-Court Room, Almonte.

Clerk, John Patterson, Almonte, P. O.; Bailiff, George McPherson, sen., Carleton Place P. O.; Limits : the Township of Ramsay, excepting lots Nos. 1, 2, 3, 4, 5 and 6 on the 1st, 2nd, 3rd, 4th, 5th, 6 th and 7 th concessions of the said Township.

## PERTH.

## Population supposed to be over 3,000 .

[^0]The manageme read office here, from here both eas bighway of the gri Telegraph Comt and via Brock ville states.

West War
A. J. Mathes Edward Elliot D. Kippen.

Thomas Brooke, senger ; George ( Trace, market cler

James Bel

Rev. W. Bain, D.D James Thompson.

West Ward. J. F. Kennedy. Charles Meigher

Frank Michell, B. 2 George Shurtleff, John Raine, Princi William Mortimer, Miss Andison, Miss S. May, Miss J. Forgie, Mrs. R, Moodie,

Grammar School 1 4th Department Co 3rd 2nd and 1st " The course is ads School Teache:
For the year 1875 teen dollars each, a resident pupils att to make these schc the Secretary, C. R

The management of the Huron and Quebec R. R. have opened their head office here, and the work of construction will be ptoceeded with from here both east and west, and when completed, Perth will be on the bighway of the great West to the ocean.
Telegraph Communication is also direct with Qttawa City, Pembroke, and via Brockville to all places East and West and South to the United states.

## CORPORATION.

J. MORTON MILLAR-Mayor.

## COUNCILLORS.

| West Ward. | Centre Ward. | East Ward. |
| :--- | :--- | :--- |
| A. J. Mattheson. | W. O'Brien. | F. A. Hall. |
| Edward Elliot. | Henry D. Shaw. | William MeLeod. |
| D. Kippen. | John A. MeLaren. | G. A. Consitt. |

Thomas Brooke, clerk; Henry Moorhouse, treasurer ; John Gill, messenger; George Corry, chief constable; H. Moorhouse, collector ; John Trace, market clerk.

## PERTH PUBLIC SCHOOL.

Rev. William Bain, D.D., Chairman.
James Bell, Treasurer. Chas. Rice, Secretary,
Trustees Nominated by the Councils.

Rev. W. Bain, D.D.
James Thompson.

West Ward.
J. F. Kennedy.

Charles Meighen.

James Allan.
George Kerr.

## Trustees Elective.

Rev. R. L. Stephenson. F. A. Hall.

> Centre Ward.
> Henry D. Shaw. Dr. J. Kellock.

## Teachers.

Frank Michell, B.A., Principal Grammar School.
George Shurtleff, Assistant,
John Raine, Principal, Common School.
William Mortimer, Teacher," 3rd department,
Miss Andison, " "
Miss S. May, $\quad$ " $\quad$ " Primary.
Miss J. Forgie,
"

## RATES FOR NON-RESIDENT PUPILS,



The course is adapted both for those preparing themselves for Common School Teachers, and for Maticulation in the University.
For the year 1875, the School Board have offered two scholarships of sixteen dollars each, and two of eight dollars each, to be competed for by nonresident pupils attending the High School for that year. It is intended to make these scholarships permanent. For rules and conditions, apply to the Secretary, C. Rice, Esq.

JOHN HART, keeps a full Stock of Pirie \& Sons Writing Papers and Envelopes.


Pembroke, second Wednesday in March and thrid Wednesday in October. Perth, first Tuesday in May and October.
Renfrew, first Wednesday in May and November.
Roseville, second Thursday in May and September.
Ross, fourtL Tuesday in A pril and Octobor.
sand Point, first Tuesday in May and October.
Smith's Falls, second Friday in April and first Friday in October.
Tennyson, last Thursday in September.
Watson's Corners, first Friday in October.
ness The publishers will feel obliged by notices of alteration on any of the Foregoing Fairs being traismitted them for correction in future publications.

## VALUABLE RECIPES FOR COLOURING.

Remaris.-It may be necessary to remark, (says Dr. Chase in his valuable collection of Recipes,*) and I do it here, once for all, that every article to be dyed, as well as everything to be used about dyeing, should be perfectly clean.
In the next place, the article to be dyed should be well scoured in soap, (to remove any grease or oil used in carding the wool), and then the soap rinsed out. It is also an advantage to dip the article you wish to dye in warm water just before putting it into the alum or other preparation; for the neglect of this precaution, it is nothing uncommon to have the goods or yarn spotted. Soft water should always be used, and sufficient to cover the goods well.
Assoon as an article is dyed it should be aired a little, then well rinsed and afterwards hung up to dry.
It is also highly important in dyeing reds, to use a brass or copper boiler or, in the absence of either, a good new tin boiler, as the acids used in colouring, if brought into contact with iron, will darken the reds, and often a dirty brown is produced by using a tin boiler with the tinning partly worn off.
The best dye stuffs should always be used irresnective of price, as the common or cheaper qualities often disappoint the domestic dyer.
The best dyes are always to be had at the store of John Hart.
Black.-On wool, silk, or cotton.-For every pound of cloth it will re. quire one ounce of extract of logwood, and half an ounce of blue vitrol. Prepare an ironkettle, with a sufficient quantity of water to admit the yarn or cloth to be worked in the dye without being crowded-bring the water to scalding heat-then put in the yarn or cloth a few minutes-when it is thoroughly wet take it out and drain it--in the next place add the blue vitriol, and then, when dissolved, and water skimmed carefully, put in the material to be coloured, and let it remain half an hour at a scalding heat, airing it occasionally-then take it out and rinse it in soft water-the vitriol water may now be emptied into a separate vessel, and the extract of logwood, dissolved in a sufficient quantity of water, brought to a scalding heat, and skimmed-put in the cloth, keeping the dye at the same temperature, and let it remain halfan hour, airing it frequently-then take it out and drain it-add the vitriol water to the dye, and put it in again, and let remain fifteen minutes, airing as before-cleanse it well.
Chip Logwood, and Extract of Logwood, Blue Stone, Copperas and every-
thing required for Black, to be had at Hart's.
Blee.-A splendid blue may be produced in an hour by the following

[^1]process :-For each pound of wool or cloth take two and a half ounces of alum and one ounce and a half of cream of tartar. Boil these together in a brass or copper kettle for about an hour ; now take sufficient warm water to cover the cloth or wool, and colour it to the shade you wish with the liquid blue ; put the whole into the copper pot and boil in a short time, taking care to keep it stirred; remove the cloth, and rince it in clean cold water, and hang it up to dry. For a light blue, one ounce of the liquid blue, and more for a deeper shade, for each pound of wool.
The beit and common qualities of Indigo, Liquid Blue, etc., always on hand and for Sale at Hart's.
Brown.-For each pound of wool take a quarter pound of alum and two ounces of cream of tartar, and boil for half an hour. Take half pound of red wood, quarter pound fustic, and two ounces of logwood, soak these a night in sufficient warm water to cover the wool ; take the wocl out of the alum water, and boil with the woods for about half an hour. If a dark brown is wanted, add about a table-spoonful of copperas.

Green.- For every pound of yarn or eloth add three and a halfounces of alum and one pound of fustic ; steep to get the strength, but not boil, soak the cloth until it acquires a good yellow colour: then throw out the chips and add the indigo compound slowly, until you have the desired shade of green.

An ounce or more of the compound is required for the above quantity varied according to the depth of shade.

Lilac Colour.-This colour is made by boiling the cloth or wool for a short time in cudbear.
Fustic, Indigo Compound, and all Dyes for Brown, Green and Lilac to be had of reliable qualities, only at Ha:t's.
Madder Red.-Take one pound of madder, for every two pounds of yarn or cloth ; soak the madder in a brass or copper kettle one night in warm water, enough to cover the yarn you wish to colour; next morning put in two ounces of madder compound for every pound of madder which you have soaked then wet pour yarn or cloth and wring it out in clean water-afterwards put it in the dye-now place the kettle over the fire, and bring it slowly to a scalding heat, which will take above half an hour, keep it at this heat half an hour if light red is wanted, and longer if a dark one, the colour depending upon the time it remains in the dye. When the colour is made, rinse the cloth immediately in cold water, and it will then be finished.

Another good Madeer Red may be thus obtained :-For every two pounds of yarn or cloth, take one pound of madder, one half pound of alum, and two ounces of cream of tartar; take a brass, copper, or a new tin kettle well cleaned, fill it with water, and boil it, and put in the alum, cream of tartar. and the yarn or cloth; keep them in two or three hours, stirring frequently ; keep the liquid at about blood beat; when this is done, take out the yarn or cloth, and throw out liquid. Fill the kettle with fresh water, heat it as warm as one could bear his hand in it, put in the madder, (which should be soaked the night before,) stir it well so as to get it thoroughly mixed ; then put in the yarn or cloth, let it remain one hour, stirring frequently, and keeping the madder hand-warm all the time-after this take out the stuff and dry for use.
The best Dutch Madder, and best only should be used. Madder Compound, Cream Tartar, and Alum to be had only at Hart's.

Magenta.-Take four ounces of cudbear to every pound of wool or silk, pour a sufficient quantity of boiling water upon the cadbear, enough to cover the article you wish to colour ; then put in your wool or silk, aiting it frequently When the colour is made, take it out of the dye and dip it into a solution of salts tartar, previously dissolved in a separate vessel.

Liquid Magenta.-Produces a brilliant crimson by the following simple process :-About one ounce of the liquid is sufficient for a pound of wool or yara,-pour the liquid into scalding water in an earthen vessel, and dip
your goods into i and wash in clea A brilliant sca: manner.
Cudbear of the and Liquid Scarl
Pink.-For eve quarts of water, gunces of cochin neal in warm wa and add the creal out, and put it is moments and it : cochineal ; if a d of cochineal use
A cheape nickwood for ma
Scarlet.-(Ve cream of tartar, and rub through when it is a little the solution of ti dye till the yarn will colour three

Some dyers sa of quercitron ba cochineal scarlet Coohineal Powd tron Brak, etc., 1

A Fine Wine one ounce of ma all night, mix th glass) and add $i$ the dye, boil abo

A colour almo boiling in the sa

To Dyra Sal annatto, and a 9 the wool, in whi water, put it int The shade may annatto used:

Yellow.-Ont fustic, quarter p sufficient hot wa half an hour's b deeper and riche of fustic, and pt

Annatto, fusti the best qualitie

Cam-wood la
Magenta, scar colors, in bottle

The best anna Dairyman for c
inces of ther in m water vith the rt time, an cold id blue.
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nd two und of these a $t$ of the a dark
nces of il, soak e chips ade of rantity
for a
to be
t yarn warm put in h you clean e fire, hour, $r$ if a When t will
your goods into it, airing frequently until deep enough in the colour. Dry and wash in clean soft water.
A brilliant scarlet may be produced by using Liquid Scarlet in the same manner.
Cudbear of the first and second qualities, Salt of Tartar, Liquid Magenta and Liquid Scarlet, always in stock at Hart's.
Pink.-For every three pounds of yarn or cloth take three and a hal $f$ quarts of water, or enough to cover the artices you wish to colour, two ounces of cochineal, and half an ounce of cream of tartar ; steep the cochineal in warm water two houts, or until the strength is entirely extracted and add the cream of tartar-then wet the cloth in clear water-wring it out, and put it in the dye--bring it to a scalding heat-let it remain a few moments and it will be finished. If a lighter colour is wanted, use less cochineal ; if a darker one, more, the shade depending upon the quantity of cochineal used.

Rest cheaper, yet handsome pink, may be obtained by substituting nickwood for madder, in the recipe for madder red.
Scarlet.-(Very superior.)-Three ounces of cochineal, three ounces of cream of tartar, and four ounces of solution of tin ; powder the cochineal and rub through a bag into blood-warm water sufficient to cover the yarn; when it is a little warm put in the cream of tartar, and simmer, then add the solution of tin-your yarn must be wet with clean water-steep in the dye till the yarn is properly dyed. Dry your yara before you wash it. This will colour three pounds.
Some dyers say that a brighter scarlet may be made by using a weak dye of quercitron bark to make the wool a light orange as a preparation for the cochineal scarlet.
Coohineal Powdered do, Cream Tartar, Solution of Tin, Niewood, Querci tron Brak، etc., to be had at Hart's.

A Fine Wine Colour.-One pound of wool, half pound of red wood, one ounce of madder compound. Soak the powdered wood in warm water all night, mix the madder compound with about half a pint of water (in a glass) and add it to the rest ; rinse the wool in warm water, and put into the dye, boil about half an hour, take out the wool and rinse in cold water.

A colour almost as fine may be had by using quarter pound of alum, and boiling in the same way.

To Dyr a Salmon Colour.-Take one pound of wool, quarter of a pound annatto, and a quarter of a pound of soap. Take water sufficient to cover the wool, in which dissolve the annatto and soap, rinse the wool in warm water, put it into the annatto mixture, and boil it about half an hour. The shade may be made lighter or deeper according to the quantity of annatto used:

Yellow.- One pound of wool or cloth, three quarters of a pound of fustic, quarter pound of alum-put all into an earthen vessel and pour on sufficient hot water to cover the wool and keep it warm all night ; give it half an hour's boil ina brass kettle and then rinse in cold water. A much deeper and richer yellow may be made by using turmeric powder instead of fustic, and proceeding in the same manner.

Annatto, fustic, turmeric powder, alum, and the following dye stuffs of the best qualities always in stock.
Cam-wood lac dye, nut galls, red wood, blue vitriol, \&c.
Aline Colcurs, in Crystals or Liquid.
Magenta, scarlet, mauve, purple, blue, brown, green, yellows, and other colors, in bottles and by the ounce.

## Fullwoods' English Annatto.

The best annatto for dairy use, the only article used by the English Dairyman for coloring cheese, \&c. For sale by

## B I B L E S,

 Testaments and Prayer Books. IN EVERY STYLE OF BINDING AND TYPE.
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With the new Lectionary, hymns ancient and modern attached.

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[^1]:    * Dr Chases Book of Recipes and valuable information for sale, and sent free by mail on receipt of 75 cents, or cheap Ed. at 50 cents.

