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Photographic Sciences

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TH CANADIAN FARMERS
 FOR THE YEAR OF OUR LORD

## 1841.

 CALCULATED FOR THE TOWN OF SHERBROOKE, In Latitude $45^{\circ} 24^{\prime}$. $\mathcal{N}$. and Longitude $71^{\circ} 50^{\prime}$ W. from the Royal. Observatory, Greenwich.

## ASTRONOMICAL CALOULATIONS

 BY ZADOCK THOMPSON, A. M.

PUBLISHED BY JOSEPH S. WALTON,

> GHERBROOKE, L. c.
> AND BY WILLIAM GREIGe,

ST. PAUL ST. MONTREAL.
Price £2 per Cross, 3s. 9d. per Dozen, Sd. Single.

## EXPLANATION.

In the'following Calendar, the times of thè Sun's rising and setting aye the times shown by a correct time piece when the sun is in the htrizon. The column marked Sun South, are the times shown by.a correct time piece when the centre of the sun is on the Meridian, or in other words, when it is noon by a correct noon mark; or dial. For example, when it is noon by the gun on the first dar of January, it would be four minutes after 12 o'elock by a correct time piece. To know where the SIGN is, compare the character opposite the day of the month in the column of Moon's Places, with the explanation of the Sigus of the Zodiac, below. The other matters are so plain as to need no explanatiou.
NAMES AND CHARAC'TERS OF THE PLANETS * ${ }^{(3)}$ The Sun. D - The Moon. Mercury. MES AND CHARACTERS QF WEASPECTS § Ascendify Node. $\because$ Descending Node. 6 Conjuaction, or in the same lingitude.

- Quartile, or differing 3 signs in longitude. COMMENCEMENT OF THE SEASONS. Thal Equinox-Spring begin3 March 20th 1 h .39 m . cvening.
summer Solstice-Summer begins June 2Ist 101. 45 m . morning. Autummal Equinox-Autumn begins Sept. 23 d 0 h .45 m . morning. Winter Solstice-Winter begins Dec. 21st 6h. 3m. evening.

SIGNS OF THE ZODIAC.
p Aries, head.
$\bumpeq$ Libra, reins.
$\cdots$ Scorpio, secrets.
1 Sagittarius, thighs.
$\sigma_{0}$ Cancer, breast.
$\Omega$ Leo, heart. m. Virgo, belly.

Is Capricornus, knees.
n A Aquarius, legs. ${ }_{6}$ Piscer, fect. MOLEABLE FESTIVALS.

Septuagesima Sunday, Shrove Sunday, Ash Wednesday, First Suaday in Lent, Palm Sunday, Easter Sunday, Low Sunday, Rogation Sunday, Ascen. Holy Thursday: Pentecost-Whit Sunday, Trinity Sunday,

## February 7

## February <br> 21

Fébruary ..... 24
February ..... 28
April ..... 4
April ..... 11
April ..... 18
MayM-
May.June

## ising and set-

 t the sun is in times shown on the Merid100n mark; or ie first dar of a correct time taracter oppoaces, with the other matters
## PLANETS

Jupiter. Saturn. Herschel. ASPEC'TS. Node. ude. ritude. SONS. a. © vening. m. morning. 5 m . morning. ening.
$s$.
rets. thighs. , knees.

Advent Sunday.

November

28

## CHRONOLOGICAL CYCLES.

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

Epact, 7 Roman Indiction, 14 Golden Number, 18 Julian Feriod, 6554 ECLIPSES OF THE SUN AND MOON.
In the year 1841 there will be six eclipses, four of the Sun and two of the Moon.
I. The first will be a partial ectipse of the Sun on the 22d day of January; of 18 m . after noon. This eclipse will be visible only to a wmall part of the Soutfern Gcean.
II. The second will be a total eclipse of the Matron the 5th day of February, visible at Sherbrooke as follows: Beginning of the Eclipie
Beginning of total darkhess Middle of the Eclipse, End of total Eclipse, End of the Eclipse, $\left.\begin{array}{c}9 \mathrm{~h} .17 \mathrm{~m} . \\ 10 \mathrm{~h} .6 \mathrm{~m} .\end{array}\right\} \begin{gathered}\text { Mean } 1 \text { Evening. }\end{gathered}$ $11 \mathrm{~h} .5 \mathrm{~m} . J$
III. The third will be a partial eclipse of the Sun, wh the 21st day of February, invisible at Sherbrooke; $\delta$ at 6 h .30 m . morning. This edipse may be scen from Iceland and the northern part of the Allantic Ocean.
IV. The fourth will be a partial ectipse of the Sun on the 18 th day of July, invisihle at Sherbrooke. $\delta 9 \mathrm{~h} .24 \mathrm{~m}$. morning. This eclipse wif hameenfom the northernpart of Europe and the North Atlantic Ocean! © Nass
V. The fifth will be a totaleclipse of the Moon on the 2 day of Augusi, partly visible at Sherbrooke, as follows:

Beginning of the Eclipse, 3 h .14 m .
Beginning of the total Ecclipse, 4 h. 20 m .
Moon sels tutally $\mathrm{D}_{\mathrm{c}}$ clipsed, 4 h .24 mm . Mean Time Middle of the Ecrpse,
End of the thal Eclipse,
End of the Eolipse,
6 h. 4 m
$7 \mathrm{~h} .9 \mathrm{~m} . \mathrm{J}$
Duration of total Eelipse 1h. 44 m . Duration of the Eclip ie 3h. 5 Ďm. Magnitude, (the Moon's diameter being 1 ) 1.63 , on the southern limb.
VI. The sixth and last will be a partial eclipse of the Sun on the 16 th day of August, invisible at Sherbrooke. of at 4 h .44 m . evening. This eclipse will be visible only from a small part of the Southern and South Pacific Ocean.

The left hand pages are feft blank for the purpose of recording transactions, \&c. for future reference. Let.a lead pencil be attached to a string and fastened to the back of the Almanac, near the top. This will serve to hang up the Almanac, and be always ready for use.

## MEMORANDUM FOR JANUARY.


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urpose of re-
Let.a lead the back of e to hang up

2Y.

When winter windes are paerciug chall, And through the white-thorn blows the gale, With solem feet I tread the hill,
$\qquad$
O Full Moon 7th day, 10h. 9m. morning.
© Last Quarter, 14th day, 7h. 42m. morning.
New. Moon, 22d day, 0 h .16 m . evening.
D First Quarter, 30th day, 6 h .11 m . morning.


Plain Rusk Pudding. - Rusk your bread in the oven, and pound it fine ; to five heaped table spoonfuls of it, put a quart of milk, thrie beaten aggs, three table spoonfuls of rolled sugar, a tea spoonful of salt, half a nutmeg, and three table apoonfuls of melved butter; bake an hour: It may be eaten with or without sauce.

" the oven, ls of it, put e spoonfuls utmeg, and hour: It

IRY.
28 days. FEBRUARY, 21 Month. 1841.

Chill airs; and wintry winds, my ear Has grown familiar with your song ; I hear it in the opening year1 listen, and it cheers me long.

Full Moon 5th day, 9 h .7 m . evening.
© Last Quarter 13th day, 1 h .49 min . morning.
New Moon 21st day, 6 h .32 m . morning.
D First Quarter 28th day, 3h. 14m. evening.


Wheat flour Pudding. Stir into a pint and a half of flour a quart of milk, gradually. Add seven beaten eggs, and two table spoonfuls of melted butter, and two tea spoonfuls of salt. Grate in half a nutmeg; add half a pound raisins when the pudding is baked long enough to thicken.This pudding may be either baked or boiled. If boiled fill the bag two thirds full, put it in boiling water, and keep it boiling. Turn the bag over in 15 or 20 minutes after it is put in. Boil two hours, or bake an hour and a half.

MEMRANDUM FOR MARCH.

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## I a half of flour

 ten eggs, and wo tea spoonfa pound raito thicken.If boiled fill $r$, and keep it tes after it is 1 a half.1 days. MARCH, 3dMonth. 1841.

## The storiny March is come at last, With wind, and cloud, and changing skies I hear the rushing of the blast

That through the snowey valley flies. $\qquad$ -
© Last Quarter, 14 ch day, 9 h .30 m . evening.

- New Moon 22d day, 9 h .47 m . evening.

D First Quarter 29th day, 10h. 9m. evening

|  | calendar, aspects, \&ce. |  |
| :---: | :---: | :---: |
|  | 2 Fine weather. 6 | $6405451213 \square 28$ |
|  | 3 Wesley died 1791. 6 | 639546121205309 |
|  | 4. Perigee. 6 | 63754712 12 ¢¢ 421 |
|  | $5{ }^{\text {\% }}$ \& $¢$ Q Gr. Elong. ${ }^{6}$ | $6365481212 \Omega 50$ |
|  | $6{ }^{6}$ Changeuble. [na '36,6 | $634 \mid 5501212 \Omega 531$ |
|  | 7 Bexar tak. by Santa An-9 | $9335521212 \mathrm{~m}{ }^{\text {9 }} 5056$ |
|  | C 2 d Sunday in Lent. 6 |  |
|  |  | 6295541211 M 7839 |
|  | $3 \bigcirc \mathrm{a}$ ¢ mornings. 6 |  |
|  |  | 626:5 5612 $11 \sim \sim 10$ |
|  | $5{ }^{\circ} 9$ Perihelion. D of o 6 | $624,5571210{ }^{6}$ ¢ 1116 |
|  | 6 - Fair for 6 | 6235581210 m morn. |
|  | $7{ }_{1}$ some days. 6 | $6215591210 \pm 024$ |
|  | C 3d Sund. in Lent. $\mathrm{D}^{4}$ ¢ 6 |  |
|  | 2'D 2 d 6 |  |
|  | 3 \| Apogee. ${ }^{6}$ |  |
| $17$ | 4 British leave Boston 1760 |  |
|  | $5 \quad$ Wind 6 |  |
|  | 6 and rain. 6 |  |
|  | 7 Penters ${ }^{9}$ Spring begins 6 |  |
|  | C\|4th Sund. in Leut. 6 |  |
|  | 2 ) \#十 ठ Staınp Act pass-6 |  |
|  | 3 ¢ 2 [ [ed 1765 6 |  |
|  | 4 Q. Elizabeth d. 1003. | $\begin{array}{llllllllll}5 & 58,6 & 15 & 12 & 6,9,8 & 32\end{array}$ |
|  | 5 High 5 |  |
| 26 | $6^{6}$ ) ㅇ d winds. 5 | $554,61812688 \mid 115$ |
| 27 | 7 Peace of Amiens 1802. 5 | $553619125 \square$ morn. |
| 28 | C 5th Sunday in Lent. |  |
| 29 | 2 Fair. 5 | 5496211125051825 |
| 30 | 3 Paris capitulates 1814. 5 | $5486221250 \underbrace{5} 217$ |
| $\mid 31$ | 4) Perigee. Changeable. 5 |  |

Briled Rice Pudding. Into a quart of boiling wate put two tea cup fulls of rice, two tea spoonfuls of salt. and let the rice boil till soft. Then sir in a quart of cold mill, and wir a pound of raisins, first taking the rice from the fire. Pint in a couple of heat eggs, and half a grated nutmeg. Replace it on the fire, and let it boil till the fruit is seff. Sasco lutter and sugar.

hoiling wate oufuls of salt quart of cold 0 the rice from half a grated bil till the fruit

## L.

## 0 days. APRIL, 4th Month. 1841.

How frst the rapid hours retire! How swon the spring was done! And now no cloud keeps off the fire Of the bright, burning sun.
Full Moon 5 th day, 8 h .42 m . evening.
© Last Quarter 13th day, 5 h .16 m . evening.

- New Moon 21st day, 9 h. 43 m . morning.
$D$ First Quarter 2Sth day, 3h. 8m. morning.
Calendar, aspects, \&c. Sin Sin Sun M Moon Rise. Set.. South PliR.\&S. 5 [penhagen 1801.54362512 4 $\Omega 334$
 C 6 th Sunday in Lent. $\quad 53762812 \quad 3$ m 4.41 24 Stat. cold. $536629123 \Omega \mathrm{D}$ rise. 31st abdic. of Bonap. 1834 $53563012 \quad 2 \bumpeq 741$
 5 Tithes in France 1795. $53163410 \quad 2 \mathrm{~m} \left\lvert\, \begin{array}{lll}5 & 5\end{array}\right.$ 6 Good Friday. More $52963512 \quad 2 \neq 1110$ 4id 4 ठ pleasant 52763612


 Frosty nights. 5 17, $6421202 \sim 2$
$\qquad$ $\left[\begin{array}{ll|ll|ll|ll}D & \text { Hr } & 6 & 5 & 14 & 6 & 4.5 & 12\end{array}\right.$ 59
$16 \mid 6$
(17) 783 17 18 C1st Sunday after Easter. 5126461159 F63 35
 20 3 Abernethy d. 1831. $5 \quad 96481159{ }^{9} \quad 4 \quad 15$ 21) 4 Santa Anna taken 1836. $\left.5 \quad 7649.11599^{\circ}\right)^{\circ}$ ) sets $225 \quad t h u n d e r 5 \quad 565 i 11588848$


Rice Snow Balls. Take small tart apples, pare them and take out the cores with a knife, filling the cavity with cinamon or mace. Put each one in a small floured bag and fill the bags about half full of rice. Add two table spponfulls of salt to every two quarts of water in which they are boiled. Boil 80 minutes. Sauce, butter and sugar.

es, pare them ce cavity with oured bag and ld two table ater in which ter and sugar.


Plain Indiun Pudding. Scald a quart of milk, and stir in seven table spoonfuls of sifted Indian meal, a teaopoonful of salt, a tea cup full of molasses, and a great spoonful of ginger, or sifted cinnamon. Bake three hours. If whey is wanted in the pudding, pour in a little cold milk after it is all mixed.

30 days. JUNE, 6 th Month 1841.

When brighter suns and milder skies Proclaim the opening year, What various sounds of joy arise! What prospects bright appear !

O Full Moon 3 d day, 10 h . 53 m . eve ning. © Last Quarter 12th day, 3h. 9m. morning. New Moon 19th day, 2 h .16 m . morning. ${ }^{2}$ First Quarter 2jth day, 5 h . 43m. evening. Sun Sun $\mid$ Sun M|Moon
 3 Louis XVII d. in prison 4 Cholera in Montreal '32. 6 . A fine growing

 2 Reform Bill passed 1832. 3Mag. Charta signed 1215 $\left.{ }_{5}^{4}\right)^{3}$ I ${ }^{2}$ Vindy and dry. 6 Battle Waterlon 1815. 7, Batle Bunker Hill 1775. C Ind Sunday after Trinity. 2 Summer begins. *h 8 3 Sec. at. of Nap. 1815. 5 Newfoundland dis. 1497. $5!\quad$ Very varm. 6 Batte Bannockhurn 1314 7 Geo. IV. died 1830. C 3d Sunday after Trinity. 2Q. Victoria criwned'38. 3. Gi Stationary Cloudy $41675012 \quad 3 \mathrm{~m}$ | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
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Ladiun Boiled Prudding. Make a stiff batter of Indian meal in a quart of boiling milk. Stir in two table apoonfuls of flour, three of sugar, half a spoonful of ginger, or two teaspoonfuls of cinnamon, and two of salt. Boil four hours. Eat with sauce, or sweetened cream.

MEMORANDUM FOR JULY.
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er of Indian able spoonof ginger, or

Boil four

31 days.
JULY 7th Mnnth.
1841
 A floating veil of mist is flung;
And all the wilderness of green With trembling drops of light is hung.
O Full Mon 3.l lay, lin. 39n. evening.
© Last $Q$ tarter 11th day, 3 h .41 m . evening.

- New Moon, 1Sth day, 9 h . 24m. morning.

D First Quarter, 25th day, 3h. 32m. morning. | $\mid$ Calendar, aspects, \&c. $\mid$ Rise $\mid$ Sun $\mid$ Sun MMoon | 1 | 5 |
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| 4 | $c$ |$|$ 7 4 Algiers tak 'by Fr. 1830.4 194912 5 Burke d. 1797.

42174812
96 (装 6 Cholera at Mont. 42274812
10 7, Calvin b. 1509. [1834.4 2374712
11 C 5 5th Sunday after Trinity. $424 \mid 74612$
12 2Battle of Boyne 1690. 4 2574512
133 क्टिtationary. Good hay 42574512 14. 4 French rev. began 1798. 4 26 74412 $15(5)$ \& $6 \quad$ wenther if the $4{ }_{1} 277412$ 16 6 sun shines. 62874312 177 Adam Smith d. $1790 . \quad 42974212$ 18 C 6 th Sunday after Trinity. 430,74212600 ) sets 19 2 ) 学 $6 \quad$ Rain about, 4317 4112 20, 3, First cap. of Queb. 1629.4 $32740 / 2$
 -

Sauce for Puddinge. Stir flour and water into boiling water, and sweeten to your tasto with sugar or molasses. Add a spoonful of rose water, and a lump of butter half the size of a hen's egg-a glass of wine with nutung, of at little vinegar will make it all the better.

MEMORANDUM FOR AUGUST.

## into boiling

 or molasses. tter balf the utuneg, or a$\qquad$
.

A rich Pudhing Sauce. Take equal parts of white sugar and butter, mould them well tugether, adding a little wine. Mould it into a lump, and grato on autureg les it cool and it is fit for use.

MEMORANDUM YOR SEPIEMBER.

rts of white su. adding a little qutureg let it

## MBER.

3U days. SEP'TEMBER, 9th Month. 1841

## Behold, fond man !

See here, thy pietured life: pass some few years, Thy flowr'ing spring. thy summer's ardent strengih, Thy sober autumn fiding into age.
© Last Quarter, Sh day, 9h. 21ın. morning.

- New Moon 15 th day, 1h. 18 m . morning.

D First Quarter 22.1 day, 8 h .43 m . morning
O Full Moon 3 Ct'u day, 11 h .30 m . morning.

10) 6 Battle on L. Eric $1813 \quad 5336 \quad 22,1157$ 500m

12 Cl4th Sunday after Trinity $5351818,1156 \Omega 2$

 15 [ 4 * $165 \quad$ Cloudy and $540.6111155 \approx 6$

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\] 18 19 C 15 th Sunday after Trinity 19 . 15 th Sunday atter Trinity 5 4:3 | 21 | 3 | 24 |
| :--- | :--- | :--- | :--- | Smoky 5466 1/11 53 149

 235 *enlers $\Omega$ Autumnbeg. 5505561152 Vg 1123 246 Apogee. 5513541152 bjmorn
25.7 Holy Alliance $1815 . \quad 5525521152 \ldots 027$

 27. 2 d 27 d Rehels leave for $55454811151 \underset{\sim}{2} 2$ 28,3 [N.S. Wales 1839.5555461151 | 5 | 3 |
| :--- | :--- | $\mathbf{4 5}$

 30. 5 Whitfich died 1770.

Breal Pudding. 'Take bits of bread 1lb. butt r them as for eating. Lay them in a pudding dish-sprinkle between each layer seeded raisins, and small bits of citron. Beat 6 eggs with 4 table spoonfuls of tine sugar, mix with 3 pints of mith and half a grated nutmeg. Turn the whole on the bread and when the milk is half soaked up hy the bread, bake three quarters of an hour.



Cure for the Black Tongue. A handfull of fine salt rubbed upon the tongue of a horse that has the black tongue, will cure it in at the most, two applications. So says a writer in the Albany Cultivator. It is simple and cheap enough.


- fine salt the black olications. is simple
days. NOV EMBER, 11 th M
Nature, attend! join every living soul,
Beneath the spacious temple of the wky,
In adoration join ! and ardent raise
One general song of thanks to God.
(4) Last Quarter 5th day. 11 h .25 m . evening. New Moon 13th day, 0h. 41m. morning.
D First Quarter 21st day, 1h. 22m. morning.
O Full Moon, 28th day, 1 h .47 m . evening.

| - |
| :---: |
|  |  | Stormy: $6414-47110$

 6 Stationary.
7 Riots in Mont. 1837.
C22d Sunday after Trinity. 2 Battle Lacolle, 1837.
3 Battle of Odeltown, 1838.
4) Rebels deftd. at Beauhar-

5 D $\%$ d [nois, 1838. 6 Brigands land at Prescot, 7 D 类 \& [1838. C 23d Sunday after Trinity. 2., if o Cold easterly
 4 D 8 b storm.
5
6 - Apogee.
7 Woolsey died 1530.



D m d Battle St. Dennis, 4 Peace with U.S. 1814.
 storm about this
7 Frontenac d. 1698.
C Advent Sunday.
2 IF Stationary. time.

Painting. Spirits of turpentine is used in most cases in mixture with paint, because it facilitates the drying rapidly, but it should not be used when durability and luistre is required, as it decomposes and destroys the vitality of the oil. Out buildings may be painted by mixing pure unboiled oil with paint. The drying is not so rapid, but the coat is harder a nd more adhesive, and less expensive.


MEMORANDUM FOR DECEMBER.


31


## The framer.

IMPROVEMENTOFSWINE.
We have no certain data upon which to estimate the quantity of pork raised in the Eastern Townships; but estimating the population at 50,000, and supposing that each individual consumes two ounces per day, or 45 pounds per annum,-this amounts to $2,225,0000$ pounds. Supposing one half as much is exported to Montreal and other markets, and the gross amount is 3,375,00 pounds, which, at the rate of six cents per pound, amounts to $\$ 202,500$. Now if one half, or even one third, of the expense of fattening the above amount of pork, can be saved annually, it is certainly worthy of an effort. Many experienced stock growers assert that the improved race of swine will make twice as :much meat from the same quantity of food that the unimproved will, and again the quality of the meat is so much superior that it will go twice as far in giving vigor and sustaining life. An intelligent farmer of Brompton recently informed us thạt last winter he made an experiment of giving just one half the quantity of food to his Berkshire pigs that he gave to his common kind, and this spring the former were in much the best condition.

We have been led to these remarks by examining a chapter on Swine in a late number of the Cultivator; illustrated by portraits of a pair of Chinese pigs, a pair of improved Berkshire pigs, and a pair of the old fashioned slab sided animals, which the writer has very appropriately named Alligator and Land Pike. Of the two latter kinds we have made a rough drawing, which illustrates thie difference between a good animal and a poor one, of the same species. Nearly all our readers will readily recognize Alligator and Land Pike as old acquaintances, and those who have seen the Berkshire piga, a few of which have been introduced into this section, will allow that the drawings are not by any means too flattering.

The following description is from the communication of $\mathrm{Mr} \mathbf{A}$. B. Allen, of Buffalo, an extensive breeder of Swine.
"Many attempts have been ntade in Europe to improve the breed of the native swine, by selections and otherwise; but so far as the writer has been able to follow them up, there has been little success, and that little very slowly obtained, except where resort has been had immediately to the Chinese boar. This is particularly the case with England, whose efforts seem to have carried her, in this department, as far beyond her neighbors as in that of the improvement of horses, cattle and sheep. Every county there boasts of its breed of swine, and certainly many are very deserving, having derived their chief excellence from a cross more or less deep, with the large white Chinese boar. Of these are the Leicester, the Bedford or Woburri, the Sussex and Cheshire. But the most decided improvement, and which by the care and skill of recent breeders, has now nearly attained perfection, was that of the black Siamese boar upon the stock of Berkshire county. This, I understand, began about 40 years since. The Berikshires were then mostly a long large, coarse, lop eared hog, of a sandy or reddish brown, or white, with black spots, and coming up, not unfrequently, to the high weights of 800 , and even 1,000 pounds. But it was a slow feeder, long attaining to maturity, an enormous consumer, and in common with most of England's other varieties, an unprofitable beast. Yet possessing rather thicker hams and shoulders than thother kinds, a longer fuller body, and its meat abounding greatly in lean, the little, short, fat, black, mouse-eared Siamese, told well in the cross; and thus was produced the dark, splendid Berkshire, which at present occupies the same rank among hogs that the Durhams do among cattle. They mature quickly, and like the Chinese, can be fattened at any age, and still may be selected, when desirable, for great sizes; are prolific breeders and the best of nurses; thrifty, hardy, and of nost excellent constitution. They are fine in their points, possessing re makable thickness in the ham and shoulder, and show a round, smooth barrel of good length, that gives a large proportion of side por's. They have little offal, thin rind
and hair, and few or no bristles. The meat abounds greatly in muscle, [lean meat,] and the hams are particularly and highly prized, commanding an extra price in manket, being very tender, juicy and lean.

As now bred, the Berkshires vary somewhat in size, appearance and maturity. Those with the finest heads, a dished face, and rather upright than forward ears, with a snugger shoulder and ham, and shorter body, most resemble the Siamese ancestor, and therefore are quickest to mature, and probably give the most delicate meat, and to one satisfied with moderate size, are undoubtedly to be preferred. Barrows of this description, if well fed till 18 months old, easily attain 300 to 400 pounds, and weights within these limits are the most eagerly sought for at the Smithfield markets, and are probably on the whole the most profitable for both consumer and producer. Others, generally of a straight nose, with a coarser head, and ears protruding well forward over the eye, or slightly lopped, with greater length of body, incline more to the original Berkshires, attain greater weights, and require a longer time to mature. There are individuals, however, occasionally possessing all the fine requisites of the former selections, together with the large size of the latter. Of this class the figures below are supposed to be as fine specimens as any in the United States.


Thi
believe gentler attest conside store 0 live we of the at all grown and 70

## We

 improv countr we ma

## RAVEN HAIR.

This pair is among the writers' breeding stock, and he believes that he can confidently appeal to the numerous gentlemen who have favored his piggery with a call, to attest to the faithfulness of the portraits. They are not considered fat at all for Berkshires, but merely in good store order, and were two years old last spring. The live weight of the sow is now about 4.50 pounds, and that of the boar 500 pounds. They have never been pushed at all in their feed, but kept steadily along, and when grown in fair condition, will weigh respectively, 600 and and 700 pounds at least, and probably something over.

We now come to a pair of fatting barrows of the un improved breeds of swine. They abound throughout the country, under a variety of most euphonious names, but we may suppose those of Alligator and Landpike about


LAAND-PIKE.

tion, they are like the Ishmaelites of old-their snouts are against every man, and every man's hand is against them. No reasonable fence can stop thein, but ever restless and uneasy, they rove about seeking plunder; squalling, grunting, rooting, pawing, always in mischief and always destroying. Enormous gormandizers, yet never satisfied; but like Pharaoh's lean kine, they lich their jow's for more, and show in their miserable carcases no return for the food consumed. In short, the more a man possesses of such stock, the worse he is off, and he had far better sell his produce at any price-yes, even his corn at a dime a bushel, than to put it into such totally worthless brutes."

## FATTENING HOGS.

From experimenis made by M. Bengtapp, reported in the Quarterly Journal of Agriculture, to test the quality of several articles in fattening swine, the following result was obtained:

| 1 | bushel | of peas made | 24 lbs of pork. |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | of | buck wheat | 16 | do. |
| 1 | 6 | potatoes | 12 | do |
| 1 | 6 | carrots | 10 | do. |

Unduabtadly the result of the ahove experiment is much greater than is usually obtained, in the common mode of feeding. It howevor shows the relative value of the differed kinds of food used. Thus, if the amnexed value is placed upon the different kinds of food, the pork would cust, per pound, as follows :

| Peas, | $\$ 1$ | 00 | per bushel, 4.1 | cents per pound. |  |  |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- |
| Buckwheat, | 0 | 50 | $" 6$ | 3.1 | 6 | 6 |
| Potaties, | 0 | 25 | $"$ | 2.08 | $"$ | 6 |
| Carots, | 0 | 25 | 6 | 2.5 | 6 | $"$ |

Indian corn not being grown in Great Britain, is of course unknown there for feeding swine. We appreliend it would take rank between peas and buck wheat In order, in however, to ascertain the best fiod to produce for fattening $\mathrm{h}: \mathrm{gs}$, the quantity that can be grow upon an acre shonld be taken into the account, as well as the cost of
growing it. Thirty bushel of pas is considered a good yield, which, according to the above experiment, would make 720 lbs. of pork. 40 bushels of buckwheat in the acre, would make 540 lbs of pork. 300 bushels of potatces to the acies ,would make $3,600 \mathrm{lbs}$. park. 500 bushels carrots to the acre would make 5,000 lbs. porkthus giving an acre of potatoes the advantage over peas or huckwheat of $f$ ve to one, allowing the labor of producing to be equal ; and to carrots, of nearly seven to one, an advantage far more than sufficient to pay the extra expense of cultivating.

## DRESSING HOGS.

It would, doubtless, be a great saving to farmers if they could learn to scald a hog of five or six hundred weight, with the aid of two men without a tub, where it would require half a dozen men to lift and scald a hog of six humdred pounds, besides the expense of an extra tub, and at the hazard of scalding themselves in the proces.

Every farmer who is in the habit of dressing hogs, is familiar with the practice, when places upon a hog are not properly scalded, of laying on a handful of bristles, and pouring on hot water, when the bristes readily 'come,' as it is termed. Let us take a hint, from this practice, and instead of lifting a hog in and out of a tub of hot water, place him on a plank or on bnards laid on a common sled. or other convenient place. Then cover the body, or the upper side at least, and the legs and head, with some cloth that will set close, and woollen is best, as it will retain the heat better than linen or cotton. Thick cotton, or double cotton will answer, but a horse blanket of woollen is best. When this is wrapped coose to the hog, pour on boiling hot water, snfficient to wet the whole thoroughly, and the blanket will retain the heat, so that it will soon scald the hog, and let the hair loose. Try, and if not loose, cover and pour on more boiling water. When one side of the hog is cleaned, turn him over and treat the other side in the same way.

If you put tar in the boiling water, or sprinkle fine powdered rosin on the hog, before he is covered, it will take
off the scurf, and his skin will be as clean, after scalding off the hair, as a lady's hand. Women may clean the head and feet of the calt in the same manner.

## RELATIVE VALUE OF MANURES.

Perhaps the most satisfactory test of the relative value of manures, may be found in the series of experiments instituted at the request of the Persian government, by Professor Hembstadt of Berlin, and repeated with every kind of variation, by Professer Schubler, with the same results. The following table prepared with great care from the record of those experiments, will show the vnlue of the several manures uamed, on soil of the same quality or productiveness.
"If the soil without any manure yield a produce of threo times the quantity of seed originally sown, then the same quantity of land when manured or dressed with herbage, grass, leaves, \&c. will yield 5 times the seed sown,

When manured with cow dung, 7 " "
With pigeon's dung,
With horse dung,
With human urine,
9
10 . .
With sneep dung,
12 "
With human manure or bullock's
blood,
$14 \quad 6$
Thus, if before manuring, an acre of land with two bushels of seed, would give a produce of six bushels, the same land manured with urine would give tivency four bushels; and if with bullock's blood, twenty-eight bushels. Experience shows that with roots and grasses the difference will be about as great on soils of the same quality; and these facts evince more conclusively than any reasoning can, the value of such manures, and the necessities there is of the farmer's making the best possible use of them, if he soould succeed in his occupation.

## ECONOMY OF FUEL.

The Yanke Farmer says: "We have used a common stove in this way. We filled it with hare wood, and when
well on fire, we shut the door closely, and then turned the damper in the funnel, and it would burn nearly a whole day without further nttention, keeping the room warm.Had the stove shut perfectly tight, the fire would have lasted a whole day; when with the funnel and draft open, the wood would have been consumed in less than an hour. When fuel is burned in a close apparatus, confined as we have named, it consumes very slowly, and yet it warms a room well, as it spreads, instead of passing out of the chimney, as is the case where there is a strong draft and rapid consumption of fuel."

Good wood can only be depended on in the air-tight stove, as with green or half rotted wood there would be more smoke than coals.

## MAPLE SUGAR.

Mr. J. J. Taylor, of Hatley, who drew a premium for the best specimen of Maple Sugar, has communicated to the Editor of the Farmers' and Mechanics' Journal, the following method which he pursues in manufacturing sugar.
"Let all the tubs, kettles, \&c. be made clean, and let care be taken not to burn the sap or syrip while boiling. When boiled to the consistence of syrup, strain off, and let it settle till it gets cold. When ready to sugar off, take one and a half gills flour, and one quart milk, stir them together and mix with sufficient syrup while cold to make 100 pounds sugar. Build a fire against one side of the kettle, and let it heat gradually till it begins to boil. After it has boiled half an hour, take off the scum, and set the kettle on the ground, build a fire all round it, and boil as fast as you can. It should not be boiled down so hard but that it will drain a little. Put it in a tub not more than fifteen inches deep, When cold, make a hole in the bottom of the tub one inch in diameter to discharge the molasses When it has drained a few days, cover it with a cake of raw dough about half an inch thick, made of wheat, rye or barley flour. When the cake becomes dry, apply another, and repeat this operation two or three times."

## USEFUL RECIPES.

For Scours or Dysentery in Horscs.-One fourth of an ounce of aloes, half an ounce of saltpeter; reduce all to fine powder; add flour and water till it makes a thick dough or paste. Divide it into four pills, and give one pill every morning. Give the horse half an ounce of ipeeacuanha, dissolved in about two quarts of hot water, by adding half a pint of this solution into a pail of water for him to drink every four hours. When the fever has abated take a quart of oak bark, (or three times that quantity of red raspberry leaves,) pour two quarts of hot water upon it, and let it stand till cool. Give the horse a pint of this tea in a pail of water, and let the horse drink it freely.

Another. Take a table spoonful of saleratus, reduce it to a powder, and give it to the horse in a pint of new milk. Repeat the dose if necessary. This remedy has proved successful in some severe cases.

Another. Put into a junk bottle one pint of good gin, and an ounce of indigo; shake well together, and turn it down the horse. It will usually effect a cure in a short time.

Horn Distemper. Spirits of turpentine rubbed in around the base of the Horns, when the disease is in its incipient stages, will usually arrest its progress and affect a cure. If it has so far advanced as essentially to lower the temperature of the horn, or horns, (sometimes only one is attacked,) boring with a large nail gimlet on the under side of the horn, three or four inches from the head, will be necessary. If the horn is found very hollow at this place; annother opening still nearer the head, may be necessary The horns mist be kept open, that the matter may freely escape; and they should be thoroughly syringed or washed out twice or three times a day. Salt and water, or soap suds, is good for this. Allowing the matter in the horn to escape, relieves the distress of the animal, checks the inflamation about the head, and unless delayed too long, effects a cure.

Sore Back, Galls, or Scratches in Horses. Rub white lead in sweet oil until a good paint is made, and apply a coating of this to the injured part. Milk will do where
the oil is not to be had. It is one of the most effective applications.

Roup, or Gupe in Chickens Soap mixed with the food of chickens, or Indian meai wet up with soap suds, and fed to them, is said to be a cure for this disorder, that is so fatal to poultry.

Weak or sore Eyes. One of the best and easiest applications for weak eyes, is to take a small piece of copperas, (white is best,) of the size of a pea, and disolve it in a two ounce vial of soft water. When clear, this may be used for bathing the eyes, and with the best effects.

Bloating in Cattlc. Where other means have failed to reduce bloating or hoven in cattle, the volatile spirit of anmonia has trequently afforded almost immediate relief, owing to ite chemically decomposing the gas generated in the stomach. The dose for a cow or ox, is a table spoonful; a tea spoonful for a sheep, diluted with water, or other convenient liquid.

Cure for Wounds-King of Oils.-This invaluable remedy for wounds in cattle or horses, has lately been brought before the public by S. Gaylord, Skaneateles, N. Y. where it has perfurmed some very surprising cures in cases of severe wounds in horses. The following are the directions fur preparing it:-1 oz. green copperas, 2 oz . white vitriol; 2 oz . common salt, 2 oz . linseed oil, 8 oz . West India molasses. Boil over a slow fire fifteen minutes, in a pint of urine; when almost cold, add one oz. of oil of vitriol, and four ounces of spirits of turpentine. Apply it to the wound with a quill or feather, and the cure will be speedily effected.

Preparation of Seed Wheat, to prevent Smut. Soak the seed in brine as strong as salt will make it, for twelve hours, then roll it in lime by laying it in a heap on the barn floor, and sifting the line on it by stirring it with a shovel till no mure will stick to it. It will not only prevent smut, but accellerate the growth of the wheat.

Rearing Calves. As soon as found give a good handful of salt, take them from the cow, and feed them three times aday, for about six weeks, with flax seed jelly and hay tea mixed. Then turn them out to pasture to live on grass
and water. Five calves treated in this way by E. S. Willet, grew much better than others fed with plenty of milk.

Swine. These animials are subje to disease from the small issuing holes on the insides of the fore legs, opposite the knee becoming stopped. A hog complaining in this way has the appearance of being foundered, and may be cured by having his legs, or those small holes, rubbed in soa, suds, or salt water with a corn cob.

Labour Saving Soap. Taka 2 lbs . sal soda, 2 lbs. yellow bar soap, 10 qis. water. Cut the suap into thin slices, and boil all together two hours, then strain through a cloth into a tight box or tub, let it cool, and it is fit for use. It sho:ald le placed in the cellar, at least during winter, as freezing injures it.

Put the clothes in soak the night before you wash. The next morning, put water in yous kettle or boiler, (one with a cover is hest,) one, two, or three pailfuls, ( 2 pailfuls will be enough for most families) and to every pail of water add about one pound, or one pint of the soap. As soon as the water begins to boil, wring out the clothes and put them in it, without any rubbing. Let them boil one hour, then rinse them in a good supply of water, and they will be clean and white. They will need no rubbing except a little on such places as are most soiled. The same suds will do for another kettle of clothes, and are also good for cleaning up Colored and wollen ciothes should not be boiled as above, but they may be washed in the suds weakened in a portion of water. The advantages of using this soap are, saving of time and hard work, the clothes will last longer. and the soap will cost less, if the materials are purchased at wholesale. It may be made for about 2 d pier pound.

To makc Hard Soap out of Soft Soom. To every 3 gallons of common soft soap add 1 quart of salt. Buil all together half an hour, then turn it into a tub to cool. Cut the cake which swims on the top into pieces, and scrape off the froth and other impurities, melt again, (without the lye) and pour it into a box to cool. Cut it into bars of proper dimension for drying. By adding a little rosin well pulverized, at the last boiling, you will have yellow soap.-

Soap made in this way will make equally good labor saving soap.

Mites in Cheese. To drive them out, the following mode will be found effectual, while the flavour of the cheese will be greatly improved. Cut out a large plug in the upper side of the cheese, and fill up the cavity with the best French brandy, and repeat the operation two or three times, when the plug may be restored, and pasted over, for the skippers will be found to have left the cheese, making their way outside.

Remedy for Bots. Half pint vinegar, half pint soft soap, half pint gin, and half pint molasses, well shaken together, and poured down the horse while foaming. Mr. Isaac Lovejoy of Troy, N. Y. says he has administered the above medicine in as many as 50 cases of botts, and not in one instance has it failed to effect a perfect cure.

Sore Mouth in Sheep. Sheep are subject to an attack of sore mouth, which causes the lips to swell, and if not soon cured, causes death. As soon as the disease appears apply tar liberally to the mouth and nose of the sheep, which will effect a speedy cure.

To preserve Tomatoes for Winter use. Cut the tomatoes in two when quite ripe, and spr:nkle considerable fine salt on them over night. Next day pass them through a cullender, moistening them with a little water; set the part thus drained through to dry in the sun, in shallow dishes, in depth half an inch or an inch; and when hardened to something more than the consistence of jelly, put it away in covered jars, without any other preparation, for daily use. Should lt show any signs of injuring, add more salt, and expose the jar again to the sun. This, it is presumed will seldom be necessary.-A table spoonful of this 10 mato jelly is enough to impart a relish to a dish of rice cooked with meat or butter, or a dish of soup for a large family.

## TO ANALYZE SOILS.

To determine the value of any soil, or to be able to correct any fau't in the original constitution, or any deficiency arising from improper cultivation, it is necessary that
the nature and proportion of the substances componing it should be understood. In Agriculture this examination is termed anslysis; and in its simplest, yet still effectual method, may be practiced by every farmer. The implements required are a pair of scales, accurate to the tenth part of a grain ; a crucible, some muriatic acid, and a few vessels of china or glass.

The earth to be tested by the farmer should be taken from a few inches below the surface, and be an average specimen of the field, or the soil to be examined. The quantity to be examined, say 2 or 400 grains, is to be slightly pulverized or well mixed together. Put of this 200 grains in a crucible, and heat it to 300 deg. of Fahrenheit, or bake it in an oven, heated for bread, for fifteen minutes ; cool and weigh. This will show the absorbent power of the soil, and as this is dependent mainly upon the animal and vegetable matter, if the loss is considerable it is a decisive proof in this respect of fertility. The absorbent power varies from 1 to 12 per cent.

After weighing, heat it again in the crucible to a red heat, and until the mass shows no bright or sparkling particles, stirring it with a glass or iron rod; cool and weigh and the loss will be the animal and vegetable, matter in the soil.

Take 200 grains of the dried earth mix it thoroughly with a gill of water by stirring it for several minutes. . Let it stand for three minutes, and turn off the muddy water into another glass. Dry the sediment in the first glass at a high heat, weigh, and it gives the silica contained in the soil. Let the water turned off settle clear, turn it off, dry at a high heat and weigh; this gives the alumine or clay.

Put into a suitable glass or flask, one fourth of a gill of muriatic acid and water in equal proportions, and balance the scales carefully. Put into this mixture, 100 grains of the earth, let it stand till all effervescence has ceased, which will sometimes be an hour or more; carefully note the weight required to again ballance the scales, and that may be set down as the weight of carbonic gass expelled, say six grains. Then as 45 is to 55 so is this weight to that

To determine the presence of gypsum, take 400 grains of earth, mix one-third the quantity of powdered charcoal, $k \in e p$ it at a red heat in a crucible for half an hour. Then boil the earth in a pint of water for 30 minutes, filter the liquor and expose it for some days in an open vessel. A white deposit will be sulphate of lime and the weight will determine the proportion.

These processes are all simple, and can be performed by any one. By them we obtain-1st, the absorben: power ; 2d, the amount of animal and vegetable matter; 3d, che silica or sand ; 4th; the alumine or clay ; 5th, the carbonate of lime; 6th, the oxides of iron ; and 7th, the gypsum, or plaster of Paris. The salts exercise a great influence on vegetation; but as they principally depend on the animal and vegetable matter in the soil, and as the determining the qualities and kinds are too difficult for the analysis of the farmer, the processes are omitted. The above ingredients are all that exert a marked influence on the fertility of soils, and on their proper proportion its goodness depends. If soils contain too much silica or gravel , they are porous; and if too much clay, retentive. The aast is usually the worst fault, and may be known by the water standing upon it after rains remaining unsettled for a long time, owing to the clay held in solution. Wheat winter kills on such soils ; on calcareous gravelly ones arely. Good soils usually contain from 65 to 75 of silica ; 10 to 16 of alumine ; from 4 to 10 of lime, and varying proportions of vegetal e matters, animal, and mineral salts, sc. The anylasis of soils forms one of the most decided steps in the improvement of agriculture, as it clearly points out what is wanted to remedy any defect, and give case of working, and abundance in product. Every farmer
should understand the nature and composition of his soils and may do so, with little time, and at a mere trifle of expense.

## THE COW.

The principal points of good cow-stock, are a long and rather small head-a bright eye-the chops thin-the horns small-the neck rather thin than fleshy, and a good dewlap. The breast needs not to be so wide as in the ox, but it should not be too narrow-a toleraby full spine -the portion of the chest beneath the shoulders deep, yet with that barrel-like form of carcass which has been so strongly advocated. She should be well formed across the hips, with good loins, but the thighs should be thin; and above every thing beside, the elasticity of the skin should be that so highly valued in other cattle. The most essential point in a dairy cow is that of the tackle. It should be capacious-of equal size before and behind, or, if there is any difference, fuller before, and of a moderate size.

Effects of Slaking Lime. The weight of lime is increased from 30 to 50 per cent. by slaking; and its bulk is tripled or quadrupled.-Prof. Juckson.

These are important facts to dealers in lime. To the burner it shows that the expense of transporting his lime to market, is a quarter less in its fresh burnt state, than it is when slaked. A ton of fresh burnt lime will acquire in five or six days, by exposure to the atmosphere alone, an additional weight of 500 pounds. The buyer should therefore purchase fresh burut lime. If he buys by weight lime long exposed to the atmosphere, or imperfectly burnt, he pays for a quarter more than he gets. If he buys slaked lime by measure, he gets in the bushel only one-half, the bushel would give him in the fresh burnt state.

To Stop a Leak. The best thing for stopping a leak in a rask, is whiting beaten up with common yellow soap. If this mixture is well rubbed into the leak, it will be found to stop it after every thing else has failed.

## PRINCIPAL ROADS AND DISTANCES

IN UPPER AND LOWER CANADA.
The first column shows the distance from one place to another, and the second the whole distance from the place of departure.
From Quebec to Montreal, | |180|From Quebec to Stanstead, | 221

Cape Sante, Porte Neuf, St Anne, Three Rivers, Port St Francis,
Rivere du Loup,
Berthier,
L'Assomption,
Montreal,
From Quebec to Halifax, 1
St Thomas,
St Jean,
StRoch,
Rivierc Ouille, Kamouraska,
Riviere du Loup,
Lake Temiscouata,
Halifax,
From Montreal to Stans. tead, via Shefford,
Chambly,
St Cesaire,
Abbottsford,
Granby,
Shefford,
Outlet,
Georgeville,
Stanstead,
From Montreal to Sherbrooke,
Granby,
Sherbrooke,
From Sherbrooke to Victoria,

From Toronto to Sandwich,
Neilson,
Burford,
Oxford,
Deláware,
Amherstburgh,
Sandwich,

130 Three Rivers,

| 5 | 35 | Nicolet, |
| ---: | :--- | :--- |
| 25 | 60 | St Antoina, |

12102
2560 St Antoinf.
30 90 Drummondville,
6105 Melbourne,
15!11|Sherbrooke,
24135 Compton;
24159 Hatley,
21 180, Stanstead,

12114
22136
$23 \mid 159$
$27 \mid 187$
13.200

7207
14331

1700 From Quebee to Hereford, 132

- $34 \mid$ St Nicholas,

20 54 Leeds,
15.69 Ireland,

978 Dudswell,
1290 Eaton,
18108 Cliiton,
36144 Hereford, 556|700|


| $288$ | From Montreal to Cramahe; | 281 |
| :---: | :---: | :---: |
| 15 | Bath, | 7 |
| 3045 | Nappanee Mills, | 15232 |
| 1560 | Adolphustown, | 2234 |
| 3595 | Hallowell, | 11246 |
| 180275 | Murray, | 26272 |
| 13288 | Cramahe, | 91281 |

From M tow
Dundas, Grimsby St Cathe Niagara Queenst From mor Brockvil Bastard, Perth, Richmon
$\qquad$

Agre to take as follo

Jurie or sums

In ea treal an ry, Apr idays e Divis 11th to Perce, 1 25th At
Lnfe
of Quel uary, 1 June, 2 Sunday: January Sess
Division
19th of tober.
uary, 21
astown, the Con

From Montreal to Queens- |From Montreal to Stanstown, Dundas, Grimsby, St Catharine, Niagara, Queenstown, From Montreal to Richmond, U. C.
Brockville, Bastard, Perth, Richmond,


## Courts of $\mathfrak{F u}$ sitice.

Agreeably to the new Judicature Ordinance, which is to take effect on the 1st Dec. 1839, Courts are to be held as follows:

COMMON PLEAS.
Juriediction, over £20 sterling, except in case of rent, or sums payable to Her Majesty, titles to lands, \&c.
In each of the Territorial Divisions of Quebec, Montreal and Sherbrooke, from the 1st to the 20th of Februa ry, April, June, and October, inclusive, Sundays and holidays e xcepted.

Division of Gaspé, at New Carlisle, 1st to 20th March, 11th to 13th Sept. At Carleton, 1st to 10th July. At Perce, 1st to 10th August ; and at Douglastown, 16 th to 25th August.
Inferior Terms. In each of the Territorial Divisims of Quebec, Montreal, and Sherbrooke, 21st to 31st of January, 11th to 19th March, 21st to 31st May, 24th to 30th June, 21st to 31st of August, 21st to 30th November, Sundays and holidays excepted-in each year, until 15th January, 1843, and no longer.

Sessions of the Peace. In each of the Territorial Divisions of Quebec, Montreal, and Sherbrooke, 10th to 19th of January and July, 21st to 30th of April and October. At the Town of New Carlisle, 11th to 16th January, 21st to 26th July; and at Carleton, Perce and Doug. lastown, the six days immediately following the session of the Common Pleas in those places.

## 46

Sheriff's Courts-Jurisdiction not over $\boldsymbol{£}^{2} 20$ sterling, - Are holden luring the first six days of each month in the year, except in the cities of Quebec and Montreal, the first tell 'ays of each month.
TABLE: OF FEES, TO BE TAKEN IN ACTIONS UNDER TEN POUNDS, STG.

## BY THE JULGE.

Ou every Summons or Attachnent, (Saisie Gagerie, Sair sie Arret, or Saisie Revendication,)
On every diidavit,
On every amal Judgment
BY THECI.ERK.
For every Summons or Attachment, (Saisie-Gagerie, SaisieArret, or Saisic-R(vendicatior, )
For every copy of the same,
linr cuery Subpoena,
For every copy of Subpcena,
For entering every Judgment ard copy thercof.
For every Precept of the nature of a Fieri Facias,
For entering and fyling every Opposition or Intervention,
For every Judgment on an Opposition or Intervention, and copy thereot,

## BY THE BAILIFFS.

For service of Process, Rules or Orders, and certificate thereof,
For the Scizure of goods and chattels under execution, and ull incidental trouble, travelling not included,
For the Sile of goods and chattels under execution, and all incidental trouble, including publications of Sule, Notices, \&c. travelling not included,
Relurning Writ of Execution,
Mifeage on the service of Process, at the rate of fourpence per mile, without any charge fur the distance gone over in riturning, and without any charge for milcage on more than one Process against the same Defendant.

BY THECRIER.
For calling each cause,
tagle of Fees, to be taken in actions above ten pounds, and under twenty pounds, sterling. by the judge.
On every Summons or Attachnent, (Saisie-Gagerie, SaisicArret, Saiste-Revendication,)
On every verdict of a Jury,
For taking a Recognizance,
For taking every Affidavit,
On entering every final Judgment, and taxing cosis, by the attorney.
Taking Instructions to sue or defend,
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Notices，
for conducting the case of the Plaintiff to final Judgment，in s．d． cases in which trial by Jury is not required，
Drawing，engrossing，serving，and fyling Declaration，when specially required by an order of the Court，
For fyling appearance for Defendant，Geneial 1ssue，and on proceedings，to final Judgment．
For every Special Plea，copy，service and fyling， 50
for every Replication，or other pleading，rendered necessury by a Special Plea，copy，service and íyling，
for suing out a Commission for the examination of witnesses， including the interrogatories and all incidental trouble，
Every Necessary Notice，
Every nccessary Attendance
Drawing and engrossing Affidavit，copy thereof，and serviee， 26
for conducting case of Plaintiff or Defendant on a trial by Jury，
Drawing and engrossing Bill of Costs，copy，service and at－ tendance at taxation，
by the clerk．
For every Summons or Attachment，（Saisie－Gagerie，Saisie－ Arret，Saisie－Revendication，）and fyling Præcipe for it
For every copy of the same，
For every Subpoena，
For every copy of Subpena，
For a Commission for the examination of witnesses，
For swearing Jury and taking verdict，
For fyling every Eahibit or paper，
For entering and fyling every Opposition or Intervention， 26
For entering Judgment on every Opposition，or Intervention， and copy thereof，
For entering final Judgment，and copy thereof，
For every Precept of the nature of a Fieri Facius，and fyling Præcipe，

BY THE BAILIFF．
For the service of Process，Rules or Orders，and a certificate thereof，
For the Seizure of goods and chattels under execution，and all incidental trouble，travelling not included，
For the Sale of goods and chattels under execution，and all incidental trouble，including publications of notices，trav－ elling not iucluded，
Returning Writ of Execution， 10
Mileage on the service of Process，at the rate of four pence per mile，without any charge for the distance gone over in returning，and without any charge for mileage on more than one Process against the same Defendant．

## by the crier．

For calling each cause，
On the swearing of a Jury，
Fefs，to be taken by the Clerks of the District Cuurts on
certaill extra Judicial Proccedings.
On the appointment of a Tutor or Guardian, and Subroge 'Tutor, or a Curator (Acte de Tutelle ou Curatelle) and copy thereof,

## \#notry.

## THE FARMER'S SONG.

## bY C. W. EVERETT.

How blest the Farmer's simple life, How pure the joy it yields !
Far from the world's tempestuous strife, Free, 'mid the scented fields!

When Morning woos; with roseate hue, O'er the fair hills away,
His footsteps brush the silver dew, To greet the welcome day.

When Twilight's gentle shadows fall Along the darkling plain,
He lists his faithful watch-dog's call, To warn the listening train.

Down the green lane, young hurrying feet Their eager pathway press;
His loved ones come in joy to greet, And calm their sire's caress.

Then, when the evening prayer is said, And Heavep with praise is blest, How sweet reclines his weary head, On slumber's couch of rest !

Nor deem that fears his dreams alarm, Nor cares, with lurking din;
Without his dog will guard from-harm ; And all is peace within.

Oh ye, who run in Folly's race, To win a worthless prize!
Learn, from the simple tale we trace, Where true contentment lies !



