Agriculture.

BEAUTIFYING PARMS.

Great progress, says the Observer, has been made within the last twentyfive years among the farmers of the country, not only in making their farms more productive, but in making them more attractive. This, in a large measure, is the result of prosperous farming. Those who had debts to pay did not feel able to expend much in ornamenting their places; but since they have freed themselves from this burden they have been more disposed to attend to the appearance of things.

There has been also an advance in taste. There are not so many now as formerly who decry all attention to the ornamental as a waste of time and money. This race of niggardly and boorish men is fast dying out. Increasing intelligence, the cultivation of agricultural reading, the formation of agricultural societies, the infusion of a larger element of educated and cultivated men into the profession, has had a powerful influence in securing more attention to the æsthetics of farming, instead of having every thing expended for mere pecuniary returns. And this is a great advance. It ennobles the pursuit of the farmer. Man is a creature of taste, and not a mere grub; and he who neglects to cultivate and to gratify this element in his nature degrades himself. Any one may form a pretty correct estimate of the intellectual, if not the moral state of his neighbors, by simply looking over their farms. The one who allows his buildings and lands to lie in a slovenly state, when he has the means of improving them, may be a money-loving, but he will also be a slovenly man with no elevating instincts.

It is a great mistake to suppose that money spent in reasonably improving the appearance of a place is thrown away. It may be doubted whether there is any more direct method to increase its pecuniary value. Certainly its market value will depend very much upon its outward appearance. Tasteful and well-painted buildings, well-arranged yards and gardens with neat fences, shade trees properly disposed, good farm fences and cleanlykept fields, will set off a farm to great advantage and make an amazing difference when it comes to be sold. And even if it be not sold, these things will add amazingly to the enjoyment of it by its possessor if he be not blind to every thing but the dollar.

Every man, too, owes it to the community in which he is living to contribute to general reputation and to public enjoyment by making all his surroundings as attractive as possible. There is such a thing as paying too much attention to outside and to show; but there is a reason in all things, and a measure of time, and attention, and expense should be devoted by every one to making his farm and his home more attractive every year that he

If potatoes are stored in the cellar, for winter use, it is very necessary to exclude the light, as this causes them to become strong, and often really poisonous.

The wheat crop moves rapidly westward. One generation suffices to exhaust the wheat-growing capacity of a new district; thereafter, it buys its bread of some newer, less abused region.

Do not starve your stock in winter, hoping to make it up in the spring. Such farmers generally have to sell hay in October, and hides in May.

The oldest resebush in the world covers one side of an old German cathedral. Its stem is a foot in diameter, and its age is supposed to be considerably more than a thousand

It would seem that beet sugar is at last destined to become a success, at least in California. The two principal companies there propose to extend the cultivation of the crop to one thousand acres during the present year.

Does farming pay? Not necessarily; but good farming most undoubtedly does, and that right handsomely.

In Oregon one man raised apples twenty-four of which filled a bushel basket. Another raised thirty bushels of potatoes in one season from twentyfive pounds of seed.

Scientific.

THE PULSE.

The number of contractions of the New Moon. heart, measured by the pulse in any of the arteries, is liable to considerable variation within the limits of health, depending on differences of age, state of digestion, and period of the day. As a general rule, the healthy human heart beats as follows in the respective ages. At birth, about 100 times a minute; during the first year, about 120; second year, 110; third 100; seventh, about 90; fifteenth. about 80; during adult, 70; in old age 50 to 70. If the average of the adult male be set down as 70, that of the female will be about 80; in acute disease the pulse often runs up to 140 and over; in chronic affections of the brain and heart, and under the influence of digitalis and similar drugs it may descend to 40, 30, and even 20 per minute. Muscular exertion raises the pulse; the sitting posture, which requires considerable muscular action, increases it about 5 beats per minute above that of the recumbent position; the difference between standing and sitting is about 10 per minute. We have a practical proof of this in the phenomena of ordinary fainting; when the heart fails in the sitting posture, the person faints and falls; the less amount of muscular action required in the latter position enables the heart to recover its power, and the person returns to consciousness; nature, in such cases puts an individual in the horizontal position, which in itself, is generally sufficient for his restoration. From this we learn. therefore, that when any one feels faint, let him at once lie down, instead of fanning and slapping, and wetting him in a seated posture. The great difference resulting from posture is also seen in convalescence, in which an invalid, very comfortable when in bed, faints, and may even die, on assuming the sitting position. In bleeding a person, it is customary to have him sitting up, in order that the resulting faintness may be relieved by lying down; faintness thus produced in a horizontal posture might not easily be recovered from. Mental excitement and the digestive process increase the frequency of the pulse; it is also somewhat more rapid in the morning than in the afternoon, during the day than during the night. Good Health.

Dreams are strange things; and here, again, is one of the incomprehensibilities of nature. I could tell you extraordinary things of dreams, and as true as extraordinary; but you would langh at my superstition. Mine are always troubled and disagreeable; and one of the most fearful thoughts that ever crossed my mind, during moments of gloomy skepticism, has been the possibility that the last sleep may not be dreamless. Fancy an endless dream of horror, - it is too dreadful to think of; this thought alone would lead the veriest clod of animated clay that ever existed to aspirations after immortality.- Byron.

To TOUGHEN GLASS -. Put the glass vessel into a vessel of cold water, and gradually heat the water boiling hot; then allow it to cool gradually of itself, without taking out the glass. Goblets treated in this way may, when cold, be filled with boiling water without cracking. Lamp chimneys may also be made tougher by this process.

ICE HOUSES .- "If an ice house can be located on the north side of a hill, and a small stream of water introduced slowly through the roof, on a very cold day, so as to make its way between the pieces of ice, the whole mass will freeze solid; or a pile of snow could thus be made into solid ice, and would last from one winter to another."

MUSICAL MEN.—Verdi is described as an odd, puzzling character, stiff, abrupt, rough, icy to mere acquaintances, avoiding society, never expressing an opinion, especially about musical matters; a man of untarnished honor and proverbial shyness. The general expression of his face is severe, proud and haughty, and denotes indomitable will, courage, and distrust.

Goldberg and Palshon, two pianists used to play the most difficult music on the piano with the music upside down, reading as readily in that way as if the music were in the proper position.

HALIFAX, N. S., MARCH 13, 1872.

MESSENGER ALMANACH.

MARCH, 1872. Last Quarter, March 2nd, 3h. 14m. afternoon. New Moon. "9th, 8h. 39m. morning. First Quarter, " 16th, 10h, 11m. afternoon.

Full Moon, "Last Quarter, "	24th, 9h.	17m a ternoon.
	Antonianisminal decisions are an announced as a consequent of the consequence of th	,
	MOON.	Contraction of the Contract of
≥ Wk Rise Sets		
1, F 6 40 5 45	mora 4 45	9 37 11 25
2 Sa. 6 38 5 47	1 5 5 39	10 13 A. 5
	2 17 6 36	10 55 0 50
		11 50 1 54
5 Tu. 6 12 5 51	4 25 8 39	A. 53 3 22 2 5 4 57
	5 15 9 40	
7 Th., 6 29 5 53	5 56 10 38 6 29 11 34	4 39 7 13
8 F 6 27 5 54 9 Sa . 6 25 5 55	6 57 A. 25	5 53 8 2
	7 22 1 14	
11 M. 6 22 5 58		8 17 9 22
12 Tu. 6 20 6 0	8 10 2 48	9 26 10 0
13 W. 6 18 6 1	8 35 3 34	
14 Th. 6 16 6 2	9 3 4 20	11 37 11 9
15 F 6 14 6 3		morn 11 44
15 F . 6 14 6 3 16 Sa . 6 13 6 5	10 13 5 57	0 40 morn
17 SU. 6 11 6 6	10 58 6 47	1 41 0 20
18 M 6 9 6 7	11 50 7 37	
19 Tu. 6 7 6 8	A. 45 8 26	
20 W. 6 5 6 10	1 47 9 15	
21 Th. 6 3 6 11	2 51 10 2	
22 F 6 1 6 12	3 57 10 48	
23 8 5 59 6 13	5 4 11 84	
24 SU. 5 57 6 15	6 12 morn 7 20 0 19	
25 M 5 56 6 16 26 Tu 5 54 6 17		
27 W. 5 52 6 19	9 43 1 51	
	10 56 2 42	
29 F 5 48 6 21	morn 3 34	
30 Sa 5 46 6 22	0 11 4 32	
31 SU . 5 44 6 24		9 43 11 45
	11.00 - 1.00 - 10.00 -	

THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapelis, St John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland, 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

FOR THE LENGTH OF THE DAY .- Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising. FOR THE LENGTH OF THE NIGHT -Sub-

tract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

NOVA SCOTIA **Boot & Shoe Factory**

(North-end of Provincial Building.)

THE Subscriber begs respectfully to intimate to his Friends, and Public generally, that having fitted up his Establishment with the Latest and most Improved Machinery.

and having secured a STAFFOF SUPERI ARTIZANS, he is now in a position to mat"

BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Dominion, English or American.

BOOTS AND SHOES, at all Prices BOOTS AND SHOES, in all sizes. BOOTS AND SHOE; made after the latest French, English and American designs. Examine for yourselves, compare with other Goods, and if found worthy, encourage Home

WHOLESALE BUYERS Will find our Terms Liberal, and we assure

them that their interests will receive our best attention. GEORGE S. YATES.

Halifax, N. S., April 24, 1871.

Hats and Caps.

MIF. have now on hand a full Stock of all VV kinds, including the NEWEST STYLES.

to which we invite the attention of our friends,

Wholesale and Retail. Our prices are as low as any in the city. Silk Hats made to order by Confermateur Measure, without extra charge.

May 3.

SA SE SA NOTICE TO MARINERS.

EVERETT BROTHERS,

100 Granville St.,

Steam Fog Whistle, Digby Gut.

OTICE is hereby given that a Steam Fog Whistle has been erected at the entrance to Digby Gut, a few yards east of the present Light House.

In thick and fog v weather the Whistle will be sounded EIGHT SECONDS IN EACH-MINUTE with an interval of fiftytwo seconds between each blast. This Whistle has been heard six miles

against the wind and over fitteen miles with the wind in calm weather. The Whistlett now in operation. H. W. JOHNSTON,

Agent Marine & Fisheries. HALIFAX, N. S., Dec. 29th, 1871. \$ Jan 3. To Parents and Sabbath School

Teachers.

JUST PUBLISHED. SECOND EDITION—REVISED.

A SCRIPTURE CATECHISM.

for the Family, the Bible Class, and the Sabbath School, BY S. SELDEN. Price 8 cents or \$6.00 per 100.

WINDSOR AND ANNAPOLIS RAILWAY.

TIME TABLE No. 10. COMMENCING 1st JAN'Y, 1872.

98 Wilmot..... 2 55

101 Middleton.... 3 10

107 Lawrencetown 3 30

110 Paradise 3 40

115 Bridgetown...... 4 00

121 Roundhill 4 20

129 Annapolis..... 4 45

190 St. John by Steamer.

Miles.	UP TRAINS.	Passengers and Freight.	Passengers Freight and Mails	Express, 1st class only.
	STATIONS.	2	4	. 6
4	St. John, N. B. (by Steamer.)			
8	Annapolis Roundhill Bridgetown	*****	9 50	
19 22	ParadiseLawrencetown		10 35 10 50	
31 35 40	Wilmot		11 22	
47	Aylesford		p.m. 12 05 12 20	
54	Coldbrook Kentville,— arrive		1 00	
	do leave Port William Wolfville	a.m. 7 00 7 20 7 30	1 20 1 35 1 45	
69	Grand Pre Horton-Landing Avonport	7 45 7 50 8 00	1 55 2 00 2 10	
82	Mount Denison	8 20 8 30 8 45 9 00	2 30 2 40 2 50 2 55	
87	do depart 3-Mile Plains		2 55 3 15 3 25 3 40	
93	Ellerhouse	9 55 10 05	3 52 4 05	
103	Mount Uniacke	10 35	4 35	
	Beaver Bank Windsor Junction,—		5 20	
118	Bedford	11 30 11 40 11 55	5 25 5 35 5 42 6 00	
124				

N.B.—Trains meet and pass where the—is

Trains Nos. 1 and 6 will be run as soon as steamer arrangements, how in progress, are complete, and will stop when flagged for Passengers for the steamer from all Stations. Trains No. 2 and 5 carry Local Freight be-

tween Kentville and Halifax, and intermediate Trains No. 3. and 4 carry Local Freight be tween Kentville and Annapolis, and interme-

diate Stations, and Through Freight to Hali-VERNON SMITH. Halitax, 1st January, 1872. Manager.

COTTON WARP.

J.n. 10.

THE COTTON YARN, Manufactured at the

NEW BRUNSWICK COTTON MILLS. Has the names of the mills and our name on

a printed label on the end of the bundle. WHITE, RED and ORANGE YARN is put up in Bluk paper; BLUE YARN is put up in BUFF paper.

TAll Yarn made by us is warranted of best quality, full weight, and correctly numbered. WM. PARKS & SON.

N. B .- Cotton Mills, St. John, N. B., Aug. 8, 1871. Jan. 3.

CARD.

MR. WEATHERBE,

BARRISTER, ATTORNEY, Sc. MAY be consulted in the various branches of his profession at the Office heretofore occupied by WEATHERBE & EATON, over the Merchants' Exchange, Hollis Street, the Co-partnership having been dissolved by mutual consent.

Jan. 3,

GATES' LIFE OF MAN BITTERS, FROM THE

Roots and Plants of Nova Scotia,

formerly manufactured by Mrs. Gates, of Wilmot. Who was pronounced incurable of Liver Complaint and Dropsy by many skilful physicians, when procuring several receipts from an eminent French physician, she was entirely cured; and afterwar is cured hundreds of cases for which at first there seemed to be no hope. We offer these remedies to the public through the persuasion of those who at present consider that they are indebted to them for the preservation of their lives. Many certificates can be given for the following diseases:—Dropsy, in its worst form; Liver Complaint, Jaundice, Swelling of the Limbs and Face, Asthma, of whatever kind; Dyspepsia, Biliousness, Spitting of Blood, Bronchitis, Sick Headache, Diseases of the Blood, Female Diseases. Running Sores Rhan. Blood, Female Diseases. Running Sores, Rheumatism, Erysipelas.

In cases of lung disease, the No. I Bitters must be taken with No. 1 Syrup, except in weak cases and young children, when No. 2 Syrup and No. 1 Bitters must be used. Those suffering from Lung diseases, should not fail to use in addition to the above, Gates' Vegetable Plaster applied between the shoulders and to the throat and chest with Nerve Ointment.

MY I

A SER

ARI

AVI

You

" Repre

And And

MY

you th

tween

the no

him?

with a

disma did no

met de

and a

somet

the fla

hrille

extort

exclar

tians o

agonie

quite

our L

Peter

head

as pai

his he

an hi

marty

throu

sever

their

red-h

piece

rent]

teeth

Rome

cruel

torme

and

yet. f

bold

with

breat

spasn whisp No

tween

is a f

to loo if we

pour

fore

eloqu

when

breat

utter

trary

800R

of th

laid

Paul

face

the c

a dis

gaze

sibly "Ol

this

turf

fleck

histo

dism

ever

his

was

man

agon

tain

inter

his o

pira

anot

ther

com

of r

that

shoo

head

he v

him

which

men

In Liver complaint and Dyspepsia, No. 2 Bitters must be taken with No. 1 Syrup. In bad cases of Dropsy, No. 2 and No. 3, Bitters must be taken with No. 1. Syrup. For Gravel No. 3. Bitters and No. 1 Syrup, together with Gates's Vegetable Plaster and Nerve Ointment applied to the back near the

kidneys. For pains and Rheumatism in any part of the body, No 1 Syrup, and Gates's Nerve Ointment and Acadian Liniment mixed together

applied to the paintul parts.
For sore throat, rub the Liniment and Ointment (mixed together) into the parts affected, at the same time taking No. I Syrup to cleanse

These medicines will be promptly forwarded by the manufacturers when orders are accompanied by the cash. Address CALEB GATES & CO., Middleton, Wilmot, Annapolis Co. Granville, Annapolis County, N. S.

Mr. Caleb Gates-The leading facts of my case are as follows:-I was troubled with a pain in my left side for several years back, and tried some preparations which failed to do any good, I took a trip to New York about four years ago; grew worse, after me arrival there; felt a violent pain in my forehead and directly above my eyes so that I could scarcely open them for a time; then I applied to a doctor, who informed me that I had a combination of diseases, viz -liver complaint, heart disease, pains in the back and shoulders and jaundice; he said he could cure me, and gave me some medicines; also a plaster to wear on my side. I thought I felt somewhat better for a while but after arriving at Halifax, grew worse than ever. I left that place and came home; my friends said that I was too far gene to last much longer. The doctor's here advised me to discontinue using the medicines I had been taking, my knee joints and other parts of my body feeling very weak; they gave me tincture of iron, but it did me but little good; at length I gave you a brief explanation of my condition, asking if your remedies would do me any good; the answer was try them if you wish to do so. I took several quarts of your bitters and invigorating syrup and applied some vegetable plaster, and got great relief in a short time; kept gaining in strength and health, and my appetite has been good ever since, so that I can do a good day's work and travel around as well as ever. In fact my system is so regular of late that I need no common purgatives. The cure is an astorishing one even to myself, therefore after taking a view of the deplorable condition I was in I considered it a duty which I owe to you and my fellowmen to give the above statement, in order that it may be made public for the benefit of suffering humanity.

Yours Respectfully.

JOHN BOHAKER.

Bitters \$1 per quart ; Syrup 50 cents per pint bottle; Liniment 30 cents per bottle and the ointment 30 cents per box. Address CALEB GATES & CO.,

Farmington, Wilmot, Annapolis Co. A large number of certificates, similar to the above, have been received and will be published at times for the information of the afflicted and the people generally.

AGENTS .- George V. Rand, Wolfville. John Webb, Windsor. J. E Newcomb, Hantsport. J. L. Cogswell, Kentville. Sheffield & Wickwire, Canning. GENERAL AGENT, JOHN K. BENT

124 Granville Street, Halifax. Feb. 14.

FRESH GARDEN, FLOWER, TREE and Shrub, Evergreen, Fruit and Herb Seeds, Prepaid by Mail. A complete and judicious assortment, 25 sorts of either class. \$100.

The six classes, (150 packers) for \$5.00. Also, an immense stock of one year Grafted Fruit Trees.

Small Fruits, Fruit Stocks, Young Fruit, Ornamental and Evergreen Seedlings, Bulbs, Roses, Vines, House and Border Plants, &c . &c., the most complete assortment in Ameri-ca. Prepaid by mail. Priced Catalogues to any address, also trade lists, gratis. Seeds on Commission Agents Wanted. B. M. WATSON, Old Colony Nurseries and Seed Warehouse, Plymouth, Mass. Estab-

THE CHRISTIAN MESSENGER

Jan. 31.

Is published every WEDNESDAY. Terms-Two Dollars a year, when paid in acvance; if payment is delayed over three months \$2.25 when over six months \$2.50. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

ADVERTIZING at usual rates. STEPHEN SELDEN, Proprieter. OFFICE No. 59 GRANVILLE STREET, HALIPAX, N. S.

PRINTING of Books, Pamph lets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.

Magistrates Blanks always on hand.