Agriculture.

SHORT HORNS, AND THE PRICES PAID FOR THEM.

The Canada Farmer gives an account of a great sale of short-horn cattle at which the most unprecented prices were paid. It took place at New York mills near Utica, N. Y., on the 10th of September.

One Short-horn cow sold for the enormous sum of \$40,600,-and 109 cows, heifers, and bulls brought in the aggregate \$380,000 or an average of nearly \$3 500 per head. Of course the affair is totally without parallel in any country and in any age.

A vast proportion of those who have read the newspaper reports of the proceedings at this sale, heartily unite in setting down the purchasers at it, as a body of hopeless lunatics. We confess, that on the face of it, there appears some ground for this conclusion; but a look below the surface-a careful investigation of the reasons that induced sagacious business men to pay such vast sums for a few animals might possibly shake the confidence of

these hasty critics. The purchasers at Mr. Campbell's sale have no doubt as to the propriety of their investments. They state that the Short-horn is now established all over the world as the best and most profitable race of cattle, whether kept as a distinct family, or crossed with other races. They point to the enormous and yearly increasing demand from all parts of Europe, Asia, and America, for drafts from the Shorthorn herds of Great Britain, -and the great prices that are freely paid for high-bred animals from the best herds. They allege, too, that all over Europe the demand for butcher-meat is rapidly increasing from the full employment and higher wages of the working classes; that to meet this great demand every available source of supply has been opened up an all but exhausted; and that high as the price of meat has risen in Europe, it is certain to go much higher yet. They aver that wherever kine are reared, the desire to share in the profits of supplying the great European markets has taken hold of enterprising farmers; and that first-class animals are eagerly sought to form the nucleus of good future herds, without much regard to the prices paid for them. They point to the numerous purchasers from all countries who now flock annually to England, to pick up everything in the shape of a well-bred Short-horn that can be secured; to the limited number of choice animals now to be bought in Britain; and the vast sums with which the breeders are tempted to part with them, for foreign or colonial exportation. They contend further, that the Duchess family is the creme a la creme of the Short-horn race—that it stands unsurpassable, throughout the world, as the very best that money can buy -and that for every member of this distinguished family in existence, a dozen of purchasers stand ready to buy. They do not omit, moreover, to call attention to the great prices now everywhere obtained for all the old familes of short-horns, even for those classing much below the Duchesses in the lowest figure at which a good animal of a "straight pedigree" can be purchased; that \$3,000, \$4,000 and \$5,000 are common prices for such and that far even beyond these figures many sales are being continually made.

The following are some of the prices paid :-

Duchesses .- 1st Duchess of Oneida, \$30,600; 7th Duchess of Oneida, \$19,-000; 10th Duchess of Geneva, \$35,-000; 6th Duchess of Oneida, calved November, 1872, \$15,300; 13th Duchess of Thorndale, \$15,000; 4th Duchess of Oneida, \$25,000; 8th Duchess of Geneva, \$40,600; 10th Duchess of Onieda, \$27,000; 9th Duchess of Onieda, \$10,000; 12th Duchess of Thorndale, \$5,700; 3rd Duchess of Oneida, \$15,600; 8th Duchess o Thorndale, \$450;

Bulls.—2nd Duke of Oneida, \$12, 000: 4th Duke of Oneida, \$7,600; Alderman, \$250; Advance, 1871, \$180; Wild Oats, \$160; 7th Duke of Oneida, \$4,000; Waterman, \$325; Fidalgo, \$275; Mill Coy, \$300; Prince Alfred, \$600; 10th Earl of Oxford \$2,500; Roderigo, \$200; 6th Lord of Oxford, \$1,300; Rufus, \$350; Baron Bares 5th, \$525; Bright Butterfly, \$200; Bull Calf of Lady Worcester, \$450.

Minnesota's flinty wheat yields a glutinous flour.

Scientifix.

UTILIZING HEN POWER .- The Ohio Farmer says: "With the tread-power for dogs, canine pets, otherwise useless, were made of some little value, but a device for turning hen-scratching to some account is one step in advance of this. Some man, too tired by nature to hoe, has utilized the scratchpower of the hen-has bent her ever prevailing propensities to the aid of agriculture. He makes long, narrow cages, just wide enough to fit between his garden-rows of vegetable, etc.; has slat sides, board tops, and open bottoms. In these cages he puts his best dirt throwers and lets them hoe out the patch. When the ground is well torn up, he moves the cage along, and in this way keeps the earth mellow and the garden free from insects."

To WASH FLANNELS.—The washing of woolen clothing with ordinary soap and water causes it not only to shrink, but to acquire a peculiar fatty odor, owing to the decomposition of the soap by the lactic and acetic acids present in the perspiration, and consequent precipitation of the greater part of the fat on the wool. According to Prof. Artus, these effects can be prevented by steeping the article for several hours in a warm, moderately concentrated solution of washing-soda, then after the addition of some warm water and a few drops of ammonia, washing them out and rinsing them in lukewarm water.

BENEFITS ARISING FROM TREES -Scientific observers have ascertained that a marked increase in the fatality of diseases follows the removal of all | public, as a trees and vegetation. They state the sanitary value of shade trees to consist in their power to equalize temperature and humidity, render deleterious malarial emanations from the soil innocuous, and purify the atmosphere. The planting of trees in city streets is therefore strongly recommended.

A NEW DIGESTER .- The papaya tree and its juice are used in India to make meat tender. The juice or a solution of it, undoubtedly, softens, digests, or dissolves meat, albumen and gluten. Assistant-Surgeon Gopal Chunder Roy compares the action to that of a ferment, and suggests the administration of a few grains of the dried juice after meals in cases of indigestion, depending on a deficient secretion of gastric juice. His experiments were conducted at Netley under Dr. Parkes.

THE VALUE OF SUN LIGHT .- Complete exposure to sunlight is worth all the iron in all drug-shops of Christendom in cases of anæmia or deficiency of the red particles of the blood, and in all diseases in which it is a prominent condition. In cases of dropsy, and in diabetes, as well as in all other diseases of the kidneys, complete exposure of the body to the sun's direct rays, for hours daily, if the heat be not too great, is valuable.

A CHEAP GAS -Another new method of manufacturing a cheap gas has been invented, which is now looked on as demonstrated. The inventor devalue; they claim that \$2.000 is about composes water, and mixes the hydrogen with vapor of petroleum. This gives any amount of light, at a cost of less than two shillings a thousand feet. One man can manufacture as much of this gas as thirty men can from coal.

> NEW DISCOVERY. A discovery has been made in the Paris Academy of Science that hydrogen, hitherto considered an elment, is in reality a combination of two elements, one of which is nine times as light ar hydrogen and twenty five -imes as light as ordinary illuminating gas. The new element is called abaron, meaning weightless. It will not burn, extinguishes flames, is without odor, taste or color. The discoverer is M. Lebarre, a well-known French chemist, and the discovery was not an accident but the result of a serious of successful experiments. The influence of the discovery should it be substantiated, upon ballooning, will be manifest. The tremendous lifting power of abaron will render rossible the employment of metallic balloons, capable of resisting all strains and shocks, and also of preventing the escape of gas by exosments.

A French physician has discovered that the peculiar odor of Russia leather has r very beneficial effect upon weak lungs, and advises consumptive patients to repose upon pillows covered wish that material.

THE DISTANCE OF THE SUN. - When a person places his hand upon a heated object, it takes an appreciable part of a second for the appropriate nerve to convey the sensation to the brain, and the same length of time for a different nerve to bring back the com- First Quarter. " 21st, 6h. 41m. morning. 28th, 7h. 55m. afternoon. mand to the proper muscles to remove the hand from the object. Prof. Young says, if we had arms long enough to reach to the sun and should put our fingers into its flame, it would be a hundred years before we felt the sensation, and another hundred before we could remove our hand. And yet across this vast space the earth responds to every impulse of the solar surface!

A wholesale honey dealer says, honey will not candy if a teaspoonful of cream of tartar dissolved in water be mixed with a gallon of honey when scalding hot. Care must be taken not to scorch the honey.

It is said that a piece of lard, as large as a walnut, mixed with dough, will cause a hen to commence laying immediately after she has been broken up from sitting; and by giving hens fat in this way they may be kept lay ing all winter.

TO MAKE HARD WATER SOFT .-One ounce of fresh quick-lime dissolved in water, will soften two barrels of ordinary hard water and render it fit for washing purposes.

THE reputation which MARGESON'S A CALCULIFUCE has steadily enjoyed, and its increasing demand have firmly estab-

Sure and Safe Cure for Gravel, Stone in the Bladder, and all Diseases of the Kidneys.

The numerous testimonials received testifying to its efficacy, have again induced the proprietors to bring it to public notice, and they would say to those suffering from any of the above distressing complaints, give it a trial, and save yourself years of misery, besides prolonging your lives.

PURELY VEGETABLE. SOLD BY ALL DRUGGISTS.

WHOLESALE AGENTS.

AVERY, BROWN & CO., Ha'ifax: H. L. SPENCER, 20 Nelson St., St. John, N.B. R. C. MARGESON, Proprietor, Halifax, N. S.

St. John, N. B., March 26, 1873. MESSRS. R. C. MARGESON & Co.-Gentlemen:-I have been afflicted with gravel and stone upwards of a year and a half. Tried everything I could hear of for its relief without avail. Saw your advertisement of Cal-culfuge in the Halifax papers; took three bottles according to directions, and in the short space of four weeks am entirely cured. I willingly add my testimony to its value, and heartily recommend it to all afflicted as I have

DAVID COLLINS, Formerly Harnessmaker, St. John, N.B.

MESSRS. R. C. MARGESON & Co.-Dear Sirs :- Please accept this testimony from one who has been suffering for upwards of five years from Gravel and Stone in the Bladder, and was advised by my friends to try your Calculifuge. I did so, and am happy to say that after using the two bottles you sent me last summer, it entirely cured me. I passed five stones the size of small peas, and upwards of a wine-glassful o' smallers ones and gravel, and will send them to you by the first chauce. I would advise all that are suffering with the same complaint, to secure your valuable medicine at once, as it has been the sole means of curing me. I will take pleasure in giving all the information I can to all that will call to see me at my house.

I remain yours, ANDREW CRAWFORD. CHEZZETCOOK, March 3, 1873.

MESSRS. R. C. MARGESON & Co.-Dear Sirs:-I was a great sufferer for upwards of eighteen years with that most distressing complaint the Gravel. Tried many kinds of medicine as well as different Doctors, but got only temporary relief at short intervals. I saw your medicine advertised called Calculifuge, as well as different certificates from those who suffered with the same complaint. Feeling encouraged, I resolved to try it, and after taking three bottles, I found myself nearly cured, and am of the opinion that the fourth bottle will make a final cure. Wishing you every success,

I remain yours, JOHN DUNBRACK, SENR. HALIFAX, July 18, 1873. Aug. 6. 3ms.

BRITISH AMERICAN Book and Tract Depository, 90 GRANVILLE STREET,

Opposite the Province Buildieg. NOW OPENING:

Ten Cases S. S. Books, The Publications of-The Religous Tract Society, London.

The Christian Knowlege Society, London. The Book Society, London.

Messrs. Campbell & Son, Toronto.

"T. Nelson & Sons, Edinburgh. Johnson & Hunter,

Gall & Inglis, Oliphant & Son, Alto Constantly on hand, Illustrated S. S. Papers.

Papers and Books for S. S. Teachers, S. S. Cards, illustrated. Send for Catalogue. A. McBEAN, Secretary.

HALIFAX, N. S., OCTOBER 22, 1873.

MESSENGER ALMANACK.

OCTOBER, 1873.

Full Moon, October 6th, Ih. 17m. morning. Last Quarter, " 13th, 2h. 11m morning.

	D	Day	SUN.			- 1	MOON.						High Tru		
	Z	Wk	Ri	se	Se	ts 1	Ris	es	Sou	th	Se	ts	at H		
1	1	w	6	2	5	37	3				nio			21	
	2	Th	6	3	5	35	4	23		8	0	33	SECTION OF THE PROPERTY.		
	3	F.	6	5	5	33	4	53	10	4	SASSER SA	53	4	33	
	4	Sa	6			31	5	17	10	57	3	15			
	5	SU.		7	5	29	5	41	11	49	4	37			
	6	M				28	6	5	mo	rn	5	57	1 7	24	
	7	Tu.				26	6	31	0	41	7	17	008	5	
	8	W	SEC. 2015	11		24	7	0	1	33	8	35	. 8	45	Í.
	9	Т		12			7	37	2	27	9	54	(27	
	01		000000000000000000000000000000000000000	13				22		23	11	9	1(7	
	11	Sa.		15		19		15		19	A.	16	10	47	
	12			16	57.725-10.	17	10	13	5	15	1	15	1	1 30	
	13		99173530	17		15	11	16	6	9	2	5		. 18	
	14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NAME OF TAXABLE PARTY.	18		13	0.7750/00/00	rn	7	0		4		1 22	
	15	PORT - 101 PLANT -	THE REST WALLS	19				20	7	47	3	14		2 51	
	16			21		10	1	24	8	33	3	42	2	4 25	
	-17	ON CHARGE TRANSPA	SUBSTERN.	22		8	2	27	9	13	3	59)	5 36	
	18		CA1 62 200			7		29	9	54	4	19) (6 21	
1	19			25			4	30	10	33	4	36		6 57	
1		M.	0.00			3		34	11	14	4	54		7 28	
	21			28		2		37	11	55	5	1:	3	7 56	
	22		. 6	29		0		44	A.	39	5	34		8 25	
	23		300 N 30	30	4	58	8	50	1	25	6	(8 56	
3	24		U1100000000000000000000000000000000000	32		57	10	1	2	16		3	THE R. P. LEWIS CO., LANSING	9 26	
,	25	STATEMENT CARREST	N 22 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	33	4	55	11	. 6	3	9		1:		9 57	
,	20	A STATE OF THE PARTY OF THE PAR	1777	34		54	A	. 7	4	7	8			0 32	2
3	27	270 00127 1227	. 6	36		AN 410 TO SHOULD		3	5	5	9		MOR ROLL TO 101/05/05	1 14	Į.
	28	S100 C 122 27 S1 S1 S1	. 6								10	1	7 r	norn	1
1	29	250 (4) (2) (2) (3) (3) (3) (3)		2500 GE SE	2.00		2	21		59	11	3	4	0 4	
3	30		1.05		52 S 52 S	0.1497.7507.022			7	53	m	or	n	1 13	
-	3		F-110-20-20-20-20-20-20-20-20-20-20-20-20-20		14			16	1 8	44	0	5	3	2 43	3

THE TIDES .- The column of the Moon's Southing gives the time of high water at No.2. 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 Annapolis, 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-

hours to the time of the sun's setting, and from the sum subtract the time of rising. TOR THE LENGTH OF THE NIGHT -Subthe time of the sun's setting from 12

lished its excellence in the estimation of the hou." and to the remainder add the time of rising n. v prning.

NOTICE.

THE Subscriber offers for Sale his well known Farm, Situate in Wilmot, County of Annapolis, on the North back road, about one half mile east from the Wilmot Spa Springs, and about one and a half miles from the Railroad Station. Said farm contains 125 acres of very valuable land, advantageously divided into Hay, Pasture, and Woodland. The hay and tillage land are under a superior state of cultivation, the pasture is of an excellent quality, and wood lot sufficient to supply a family for generations to come. On the Farm is a comfortable House of Size and accomodations to suit a large family. Also 2 good Barns, with other repair. An abundant supply of water is carried into the House by pipes from a never failing Spring, and also taken for the use of No. 16. (Peticodiac Freight) will leave St. the barn.

There are about 100 grafted apply trees producing from 60 to 200 barrels annually. This property is so well known that further

particulars are unnecessary. The terms of payment will be made easy, only a small proportion will be required down, with good and approved security for the re-

The stock and farming utensils can be had by a purchaser of the farm if required. For further particulars apply to the owner

GEORGE BALLENTINE. Wilmot, County of Annapolis, (January 22nd, 1873.



Superior Pianos,

IN VARIOUS STYLES. UPRIGHT, OBLIQUE, SQUARE, Etc. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y.

The above are offered to a discriminating public at moderate prices, WM. FRASER & SONS, 70 & 72 Barrington St.

H. G. LAURILLIARD, TAILOR,

GENTLEMEN'S DRESS MATERIALS. AND

Furnishing Goods constantly on hand Agent for the NEW YORK FASHION PLATES.

231 HOLLIS STREET. HALIFAX, N. 8 May 17.

To Parents and Sabbath chool 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.

Articles and Covenant

Baptist Churches,

\$2 00 per 100 copies. 50 copies sent by mail, postage paid for

July 2.

Boarding House,

The subscriber has taken his old stand. No. 30 DOCK STREET, AND IS PREPARED TO PECEIVE

TRANSIENT BOARDERS.

G. M. BUHNS. -St. John, N. B., May 13th, 1873. 2mths. pd.

INTERCOLONIAL RAILWAY.

1873- ummer Arrangements-1873 COMMENCING ON MONDAY, 26th May, 1873.

NO. 1. (Through Passenger Express) will leave Halifax at 730 a. m., and be due in St. John at 8.30 p. m. This train will stop (between Halifax and Truro) only at Windsor Junction and Shubenacadie; and (between Painsec and St. John) only at Booking Stations, except where it may be necest sary to cross other trains or to put down passengers who may have got on board at Painsec and stations Easand South of that place.

Will Hope To My home My w

Myh

With

Fron

Here

That

Nor

Ged'

Mint

tho

pra

and

ed;

insp

wea

mai

whe

lead

wid

gan

cro

lon

The

tion

and

of

spo

me

wei

nee

the

cou

Ev

and

res

the

ed,

hes

pai is

thu

sen

ex

and

OVE

str

(Through Passenger Express) will leave St. John at 8 a.m., and be due in Halifax at 8.50 pm. This train will stop(he'ween St. John and Painsec) only at Jampion, Su-sex, Petiteodiac and Moncton; and (between Truro and Halifax) at Shubbenacadis and Windsor Juncton, except where it may be necessary to cross trains or to put down passengers who may have got on board at stations North and West of Truco.

FOR THE LENGTH OF THE DAY .- Add 12 Nos. 3 and 5 (Pict u Passenger Accommodation) will leave Halifax at 6.15 a. m., and be due at Pictou at 12 15 p.m. Nos. 4 and 6, (Shediac Passenger Accommodation) will leave St. John at 7 a. m., and be due at point DuChene at 12.15

> Nos. 7 and 9. (Freight and Passenger Accommodation) will leave Halifax at 11.30 a. m., and be due at Pictou at 8.15 p. m. and 10. (Freight and Passenger Ac-

10.50 a. m., and be due at Point Du-Chene at 7.25 p. m. (Truro Freight) will leave Halifax at 3 30 p. m., and be due at Truro at

commodation) will leave St. John at

9.10 p. m. No. 12. (Passenger Accommodation) will leave Painsec at 4.20 p. m., and be due at Point DuChene at 5.00 p. m. No. 13. (Truro Passenger Accomodation) will

leave Halifax at 5.15 p. m., and be due Truro at 8.15 p. m. No. 14. (Passenger Accommodation) will leave St. John at 2.00 p. m., and be due at Hampton at 3.10 p. m.

convenient out buildings all in good state of No. 15, 17 and 19. (W. & A. R.) will leave Halifax for Windsor Junction at 8.00 and 8.45 a. m., and 3.00 p. m.

John at 2.45 p. m., and be due at Petitcodiac at 8 p. m. No. 18. (Sussex Passsenger Accommodation) will leave St. John at 4.40 p. m., and

be due at Sussex at 6 40 p. m. No. 20. (Truro Passenger Accomodation) will leave Truro at 6.00 a. m., and be due in Halifax at 9.15 a. m. No. 21. (Sussex Passenger Accommodation)

will leave Sussex at 7 a. m., and be due in St. John at 9.00 a. m. No. 22. (Truro Freight) will leave Truro at 6 45 a. m. and be due in Halifax at 1 20 p. m.

Nos. 23 and 25. (Shediac Passenger Accommodation) will leave Point DuChene at 650 a.m., and be due in st. John at

No. 24 and 26. (Freight and Passenger accommodation) will leave Pictou at 6 00 a. m, and be due in Halifax at 2.35

Nos. 27, (Petitcodiac Freight) will leave Petitcodiac 7 00 a. m. and be due in St. John at 1 30 p. m.

Nos. 28 and 30. (Pictou Pas enger Accommodation) will leave Pictou at 1 45 p.m. and be due in Halifax at 7.30 p m. No. 29, (Passenger Accommodation) will leave Hampton at 5 45 p m and be due in

St. John at 6 55 p. m. Nos. 31 and 33. (Shed ac Passenger and Freight Accommodation) will leave Pt. Du-Chene at 10.30 a. m. and be due in St. John at 7 45 p m.

Nos. 32, 34 and 36. (W. & A. R.) will be due in Halifax at 11.30 a,m. 6.45 p. m and No. 35, (Passenger Accommodation) will leave

Point DuChene at 3.20 p m. and be due at Painsee at 4 p. m. Nos. 37 and 39, (Truro and Moneton Freight

Passenger Accommodation), will leave Truro at 9 30 p. m. and be due at Moncton at 8,10 a. m. Nos. 38 and 40, (Moncton and Truro Freight

and Passenger Accommodation), will leave Moncton at 6.45 p. m. and be due at Truro at 5.30 a.m. LEWIS CARVELL, General Superintendent.

RAILWAY OFFICE, Moneton, 19th May, 1873. May 21.

THE CHRISTIAN MESSENGER

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, Proprietor. OFFICE No. 71 GRANVILLE STREET, HALIPAX, N.S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand.