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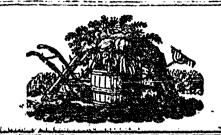
# THE COLONIAL FARMER.

## BEVOTED TO THE AGRICULTURAL INTERESTS OF NOVA-SCOTIA. NEW-BRUNSWICK. AND PRINCE EDWARD'S ISLAND.

OL. 2.

HALIFAX, N.S., FEBRUARY 1, 1843.

NO. 15.



### THE COLONIAL FARMER.

HALIFAX, N. S., FEBRUARY 1, 1843.

The trast season was very favourable to the growth of Grain potatoes; of which there has been more than an average crop so possess; or which the frequent light rains in the early at of the Summer were favourable to the Grain and Grass crops. his was succeeded by a spell of hot day weather, which comeard so early on the Gulf shore, that the hay there proved a er light crop, but in almost all the remainder of the Province he hay was above an average; the drought commencing later, and wing rather favourable to the grain and potatoes, which rarely pen well in hot weather.

From several causes the price of country produce have this year sa, yery low. Some year's back the coldness of the season occased a scarcity of provision in the neighbouring States. The naeleensoquence; with that people, was, to cause greater exerand on the part of the farmers, which, aided by a favourable soge in the weather has produced a glut of the necessaries of a which are now sold at very low prices. It would be impossitokeep up a high price of anything here, that sells very low are as most people muss be sensible who have travelled much on the shores of this Province Another cause of this depresa is found in the failure of the lumber business. The persons ployed in Shipbuilding, and getting out Timber, used to purse the surplus produce of the Farmers near them. It has in sequence of the failure of this business become necessary for my to seek a new market, which is not now easily found. Hax and Newfoundland markets have been glutted, especially h half fatted grass beef, much of which has been retailed, by the uter, at three coppers a pound and less, as it is not fit to cure exportation although it will do to cure with molasses or coarse er and very little salt, for to use through the cool season; but e it thoroughly salted it would be so robbed of its juices that rould be hardly eatable.

Many on the Gulf Shore, alarmed by the scantiness of their hay i disposed of considerable part of their Cattle for a very low e indeed. As there is without doubt a sufficient quantity of in the Province to winter all the cattle, it is certainly desirable there were some way of disposing of Cattle without killing when half fattened, or not fattened at all. If there were e Fairs like those in the old country where they who have an plus of hay could purchase cattle to winter, and they who

half-fattened cattle which they could make fit for barrelling, it would be an advantage to all patties.

When our surplus produce falls much below the price we expected, we have the satisfaction of thinking, that our loss must be a great benefit to the multitude of poor whom distress is constantly driving from Europe to America. They can at their first arrival earn but little, working at new employments which they never had learned, but a little will support them when food is as plentiful as it is at present. That Provident's which overrules all our doings, often compels those who have more than enough, to assist the distressed, whether they will or not.

There is another subject that well deserves our attention ;-the great ativantage we possess in living on our own lands. Were we a Province of Tenants at a money rent; it would be virtually doubled by the present prices, and we should be really distressed. Let us therefore resolutely appose the two enemies who have so often driven industrious people off their lands;-the habits of spending more than the earth, and the mania of speculation. Let us observe a strict economy, and persevering industry. Let any slight reverse have its proper effect, of rousing us to greater exertion, rather than producing childish complaints. We have much to be thankful for. They who are acquainted with the history of past tinies, and with the present condition of the nations of the earth, know, that at this moment there are very few, and that in all recorded filmes gone by, there have been very few, who enjoyed in an ential degree with ourselves, the blessings of Liberty, Peace, a protecting Government, freedom from heavy Imposts and taxes, and a healthy climate, with the prospect of leaving our children in a country where they will have no difficulty in supporting themselves by their industry.

The great Farmer Poet of antiquity represents Jupiter disapproving the torpid condition of man in the "Golden Age" when all his wants were supplied without any exertion on his part; and therefore introducing evils into the earth, to arouse the energy of his mind, and make him exert his resolution and ingenuity to overcome them. There is wisdom in this allegory. A certain portion of difficulty is often useful, by rousing us, and making us shake off the laziness of our minds. When we consider the hardships to which the ancestors of many of us, the first settlerss of New England were exposed, their great losses of life and property in their perpetual war with the Indians, (for in the Narraganset war alone, the tenth part of the men fell, and the tenth part of their towns were burnt," and that they still personered, and succeded in settling the country, and laying the foundation of a great nation, we must feel ashamed of the idea of being disheartened by any difficulty that we have met with.

Clover seed is separated from the husks by threshing, frequently sifting the seed from the chaff to prevent it from being broken by the flail. It is a tedious operation, and for this reason when large quantities are raised, machinery is generally used to clean it. When produce is low the farmer should always raise his own seed, which he will have no occasion to separate from the chaff, as when the heads are in pieces it grows as well, and is as easily sowed as it the seed were separated from the husk. Never attempt to raise clarge crops of potatoes or Swedish Turnips, could procure seed from the first growth, but mow it when two thirds grown,-

the after-growth will then be loaded with seed. Some instead of to the improvement of the breed of antie and sheep in our settle mowing seed Clover draw a Box over it with short teeth closely set in front, which tear off and collect the heads, The small early clover is hardy but too early for Timothy; the large Northern Clover on new woodland sometimes stands for several years, but

on rich ploughland it often produces but one full crop. Clover seed remains a long time without vegetating in ground which is not suitable for it. We have seen a wet massy spruce swamp drained, which after the lapse of two or three years was fenced and top-dressed with coal ashes and rubbish from the back yards in town, (it was not broke up.) During the course of the Summer a young growth of Red Clover appeared, and the next year and for several succeeding years it yielded from 11 to 2 tons per acre of hay, of which three fourths was red clover. No seed had been sowed, nor was there any in the manure, but Cattle had been so-

customed to be often in the swamp which was near their stable.

in the Spring with ashes, appear to be clover fields after the large of year; but if dressed with stable manure other grasses will prevail. Very large Clover should always be mowed, if the weather permits, as soon as a few flowers are open; it will then often require four days to make it, and will lie very close and compact in the

Most old leys which have been long mowed will, if tondressed

mow. Upon this hay thrifty cattle will fatten, and milk cows will do well; but if it stands till the flowers have turned brown the stems will be no better than straw and neither Horse or Cow will willingly cat thom. The feet and the back sinews of horses are sometimes injured

by keeping the horse in a stable that has a very sloping floor. Any person who stands still for ten minutes on a board which raises the toes considerably higher than the heels, will be sensible of the strain which it throws upon the legs. Where a floor of earth is used, it causes considerable work, requiring to be often replaced; but it will be found a great preventive of complaints in horses feet, and the labour of bringing fresh earth will be paid for by the manure produced by that which is taken away.

The following is the list of Officers of the Cornwallis Agricultural Society for 1843 :

- S. C. Hall, President.
- A C. Sterritt, 1st Vice President.
- C. Dickey, 2nd Vice President.
- C. C. Hamilton, Sceretary and Treasurer.
- G. E. Bromley, Assistant Secretary and Treasurer.

## REPORT

### OF THE EGARD OF MANAGEMENT OF THE RIVER JOHN DISTRICT

AGRICULTURAL SOCIETY, FOR THE TEAR 1843. Although the science of Agriculture must be admitted to be of paramount utility in every country, and particularly to where ma-

nufactures have not been established to any extent, it is to be regretted that the deficiency of system, added to old attachments, however erroneous, and a want of concentrated efforts, have hitherto prevented the proper development of the resources of our country The encouragement, however, now afforded by the Legislature, and

the competition excited by the establishment of local Agricultural Societies, will, it is to be hoped, be the foundation of a better system, and, short as the period has been since the formation of the River John Society, we are happy to state that the good effects 91 it are already apparent. Our first efforts were, naturally directed

ment, and accordingly in the month of June 1841, a Bull was purchased in Cumberland, of the pure Durham breed, at an expense

of £15 3s. The progeny of this animal shows a decided superior. ty over the former stock of the settlement, and a judicious award. ing of premiums having excited the owners of the young stock to

In October 1841 we also imported from P. E. Island, at a cost exceeding ten pounds, four ram shearlings, one a pure South Down and the others of various crosses of the Leicester, Lincoln, and

rear and retain them, the improvement promises to be permanent.

South Down blood. From the late period of the season at which they arrived, and their having parhaps received some detriment by a passage by water which happened to be somewhat protracted

the number of those who received any advantage from their services in the past season was but limited, but in every case, perticularly as regard the South Down, where they have been used

their offspring is decidedly surerior to the native breeds. We would here beg leave to observe that, as the raising of wool, suitable to domestic manufacture must be an object of great utility in

Nova Scotis, the South Down breed promises to produce an aniele more suitable for our woolen cloths, especially if they are to subjected to the operation of the fulling mill, than the longwooled

Our operations for the present year have been principally con-

Leicesters or Lincolns, which seem more fitted for worsted goods, and we would recommend a perseverance in rearing the South Downs which also possess the advantage of superior hardiness.

fined to the offering premiums upon Agricultural produce, and manufactures, as is more particularly detailed in the annexed secount, and such offers have in many cases been productive of considerable care, and as regards the settlement at large, of the raising of a much greater quantity of Agricultural produce this the average of former years can show. As regards the quantity and quality of the crops we have found the potatoes generally rer abundant and of excellent quality, the Wheat and Oats a for average crop in quantity, but the latter deficient in weight Turnips have not hitherto been cultivated and substance. to any great extent, although the offering of promium's has is some cases, caused them to be tried and judiciously attended to

and where such care has been liestowed upon the Swedish tumin

it has uniformly proved successful, while the white turnips han almost totally fallen victims to the fly. The staple article of by

is, unfortunately, that in which the greatest deficiency exists, and doubtless from the greater heat and dryness of the summer, it will hardly amount to two thirds of an average crop. As this part of the Province has hitherto depended too mid upon ship-building and lumbering, our farmers have always look! to those quarters for a market for their surplus produce, the failer of the timber business has naturally been followed by great deput sion in the prices of Agricultural products, and consequent enbarassment, nor have any efforts been litherto made to open

foreign market to much extent. A commencement was hower made this year by exporting to Newfoundland about 40 head of call and 200 sheep, but the price there not being remunerating the traffic was not pursued, and the remaining stock, which, in other years, would have found a ready sale among the lumberers, is either been driven to Halifax or still remains on hand. The aricle of butter, also is one one of considerable value to this community, and the quantity exported this year to Newfoundland, &

Pierre, P. E. Island, or transported by land and water to Ilia fax dges not fall short of fifteen tons. , Although the embarassmenta above alluded to are discoursent we have no idea of yielding to them; on the contrary, they should ism a more powerful inducement to persevere in our onward no doubt but Harkaway is ne good and fast a horse as Firetall. does not. in the cusuing year exhibit renewed exertion and into the fact of having last Spring purchased a quantity of timothy! sed, an article which this settlement has always been obliged his perto to procure from other quarters, but, by a judicious sale and capose of eleculiere.

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refoundation of an Agricultural Library, and we would most! on farmers will endeayour to reap, from fudicious books, that is the Mother Country, and other advanced quarters, which their ern experience cannot supply

The awarding of premiums upon ploughing, which took place is both the years 1841 and 1842, has also been productive of comof increased zeal and conviction of the advantages of Agriculture. but the quantity of land broken up and prepared for the recention of crops this. Fall is not least double what it has been any preceding

In conclusion we would recommend to the Society in the ensuing hera particular attention to the improvement of swine, a subject which has not hitherto received the attention due to its importance, ed in vacating our office, we have the satisfaction of transmitting be affairs of our institution to our successors in a state of progresin, and, we trust, permanent improvement, and only requiring ederate attention and combined action, without which nothing fectual can be done, to ensure final success.

River John, 21st December, 1842.

The following are the Office Bearers of the Society for the pro-

President-Kenneth McLean, Esq.

Vice President-James O. Nash.

Secretary and Treasurer Lawrence J. Den.

Committee-Robert Patterson, (V. P. 1941), George Perin, ent. (V. P. 1842), Mulcom Sillars, John Mochler, Charles Suerland, Thomas McKenzie, William Gammon.

#### From the American Agriculturist.

#### TOUR IN ENGLAND.

Excussi Horses.-Notwithstanding what has been said about e degeneracy of the horses of England, the best informed we et abroad, think that on the whole, they are still improving. The seed mushroom growth they now give their racers, and above all, searly age at which they are brought on to the turf, are, howm, exceedingly prejudicial to their atrength and endurance, if not their speed, and if persisted in, must ultimately, if it has not alady, materially, injure the breed in these most desirable qualities. here are, however, some exceptions to the above observations. lakaray, for example, is a real phenomenon, and is thought to equal to any thing England over bred. He is a horse of rearkable speed and of prodigious power and aubstance, standing thin an inch of 17 hands, of great bone and muscle, and is conared among turfmen, as the very perfection of form for a raceme. According to the official report, he won the Goodwood pat five years old, carrying 130 b, performing the distance 25 les in 4 m. 58 s., but according to another report, it was done in 27 s, which would have been at the rate of a mile in 1 m. s, but English time is very loosely kept, and but little to be

come, from which, we are morally certain, permanent prosperity | Eclipse, or Flying Childers ever was ; although it is said of the sill eventually arise; and it shall be no fault of ours, if our society | latter, that he run a mile in one minute, and of the former that he But this time is not suthenticated, and is, withil, so incredible, that it should be rejectcreased improvement. We omitted to allude, in its proper place, ed as totally unwortny of record in the calendars of vertiable tacing.

We could not but admire the beauty of form and great size of the Luglish colts. Must of them stood 15 hands high when brought out at two and a half years old; and some of them were deribution of our supply, we will be henceforth enabled not alone full it hands; and as a celebrated jockey remarked to us, "it was praise enough for our own use, but to have a surplus quantity to really wonderful what the young things would do," and this sententions expression of the shrowd jacker, seems to be the whole By an outlay of part of the Provincial aid, we have also laid mainful stoketo and excelement. But to us it was a half of them broken flown in training, and the larger share of the emestly recommend it may be enlarged and continued, and that other half in early racing and then cast like worthless weeds awaywhereas, had they been kept till five years old before being brought out, they might have proved of some value, at least, as saddle bowledge of the improvements in the science and management horses, and for light cavalry. In one particular, however, we will give the Englisheredit ever the Americans, those usually make but duo run, and to be salled upon four, five, and as it sometimes happens with us, even six heats, would be considered here, as we wish it universally was everywhere else, as the very height of cruelty. and an indictable offence. But this is a painful subject to dwell edition and improvement, and it may be mentioned as an evidence I upon, and little interesting to the agriculturist; we will therefore pass it over, merely premising that owing to the manner in which English horics are now bred, it seems to be generally thought, at least on the western side of the Atlantic, they would prove no match for our racers in deep mud and over hard gravelly courses at

> The hunters of England are now nearly thorough-bred, are strong made, clean limbed animals, stouter and more compact than the rucer usually is, and reminded us of our finest high-bred corriage horses, such as the more dashy cits prefer for a display in Broadway, or upon the Third avenue.

> Cufringe horses differ but little from those among us, save that they are usually larger, 16 hands being the general height, and we have occasionally seen them in most superb shape in the London parks, full 17 hands high. The stage coaches, omnibuses, cabs. &c . are recruited from the broken down hunters and condemned carriage horses, and are of course wofully cursed with grease, corns, founders, spavins, broken wind, and the whole catalogue of horse diseases, so much so, as to make one's heart ache at times to ride after them; and the cabs, especially, in the apparent age and condition of their horses, would occasionally bring Mr. Pickwick's ride to the Golden Cross to memory.

> "How old is that liorse, my friend?" inquired Mr. Pickwick, subbing his nose with the shilling he had reserved for the fare.

"Forty-two," replied the driver, eyeing him askant.

"And how long do you keep him out at a time?" inquired Mr. Pickwink, searching for further information.

Two or three veeks," replied the man.

four mile heats. \*

". Weeks !" said Mr. Pickwick, in astonishment-and out came the note book again.

"He lives at Pentonwill, when he's at home," observed the driver, enoly; but we seldom takes him home, on account of his veakness."

"On account of his weakness!" reiterated the perplexed Mr. ickwick.

"He always falls down, when he's took out o' the cab," continued the driver, "but when he's in it, we bears freins] him up werry tight, and takes him in werry short, so he cant werry well fall down, and we've got a pair o' precious large wheels on, so when he does move, they runs after him, and he muss go on-he can't help it."

Even the very gentlemanly and intelligent coachman, who otherwise make themselves so agreeable on the road, have a cruel art. with their long lashes, of striking the ears of their jaded horses

Some object to this cone usion as too hasty, and say, for example, v some object to this concustor as too navy, not any, nor examile, that Lady Elizabeth at they pears old, carried 13a ibs. ran four miles at the Doncaster course, in 1833, in 7m. 35 acc, time almost as good as that of fathion's late unequalled race in America of same age, and carrying only 11 ibs. But we are consident, on the nice elastic furf of this courses of England; that a horse can carry more weight with greater case than over the hard and mgre undastic courses in America, but as a discussion of this subject is more proper for a Turf Register than this paper, we shall forwear entering further pended on, unless reported by our own countrymen. There is upon it.

fearful to fall behind the set time of completing their stage.

land is inferior to America east of the Alleganics. had is interior to stinction vess of their own ground, with what beat the best English horses on their own ground, with what would be considered now as third rate trotters with us. They attribute this superiority merely to better training and riding; but according to our limited observations, we found a great difference in the animals, for a few of our friends had American horses here with which we could make the comparison, and they struck us as being for their size, better boned, more muscular, powerful, and compact. In fact we cannot better express ourselves, than by saying, if the power of an English 16 hand horse, with a refinement of bone, were compressed to the size of 15 hands, this would then comparative value, as adapted to different climates and soil as be the American with his enlarged strength, and a better and quick-er action There is no doubt but our drier climate and silicious soil, tend greatly to the hardening and refinement of hone, and formation of superior muscle with less flabby flesh in all horses bred cast of the mountains.

to the French Canadian, or like our Narraganset pacers, or those exceptions are few and far between among the lower classes of an of Indian breed and celebrity. Nor have we snything so small mals. When in the higher species the principle may not seem a and pretty in return, as the Dartmoor, Welsh, and Shetland ponics

now so well known among us by recent importations.

The large cart horse is used here more than any other kind for agricultural purposes, and is especially necessary in London and other old towns, to conduct the heavy loads of the brewer and coalman, in ponderous carts and waggons through the narrow crooked streets, harnessed in single file. These animals are very large, generally 164 to 17 hands high and sometimes 18 hands Some of them are good walkers, and being very powerful, are not without merit; but they are great consumers, and have too much flabby flesh to suit our taste. The long coarse hair on their logs from the knee joint down, is very objectionable, and when worked in a heavy soil, it gathers a great mass of clay to each leg, which adds several pounds weight to their feet, and makes one think of a condemned criminel working with a chain and ball attached to him for punishment. This long hair also makes them sul ject to the grease, as we were informed, a very unpleasant disease of the feet.

Superior stallions of this breed, however, command not unfrequently a large price, and have sometimes sold as high as £1,000. Those we saw in Sussex we thought the fluest and best of this breed. They had very little of the objectional long hair upon the legs, and were more compact generally and active than those we met in other parts of England; they probably had a cross of the old Suffolk Punch in them, which had the reputation in its day of

being a very superior farmer's horse.

We saw some specimen of the Clydesdale in the North of England which pleased us much, but in the discussions of Farmer's Clubs here, we notice oscasionally a vote passed for the introduction of Norman Stallions from France, to improve their agricultural breed, and we found upon the whole, that there was a more general wish prevailing to lighten the weight of their implements, and procure a more active race of horses to work them. do so, with proper attention to the breed, we have no doubt they will get fifty per cent. more work done on the farm, at the same cost of feed and attention which is now bestowed on the generally slow moving and unwieldly cart horses.

We think in the large Pennsylvania waggon horse, we have a quite equal, if not superior for our purposes, to the English cart horse. Their origin was doubtless the same, namely, Flanders; and they have undergone's refinement in our climate, and a development and increase of muscle, which we think has added to their value. This is a most excellent breed for the city dray, and indeed all heavy work upon the road and farm. We wish we could see premiums given in Pennsylvania and elsewhere for their improvement, for we have occasionally met individual specimens in that state which we thought quite perfect, and well calculated to impress their form and powers upon a numerous offspring. It is sele cting the best of a race of annuals, and continually breeding from them, that has placed England so much in advance of the generality of nations in this particular, and which has added so much also to her wealth, powr and fame.

Generally speaking, we for d. English stables quite too warm, and have no doubt that this, together with unnatural fast acressing the long list.

till they bleed, when they flag under other punishment, and are of direases, especially in the feet, to which horses here seem par ticularly subject. The horse is treated with too much tenderness As for trutters and a fast enduring compact roadster, we hope no on the one hand, and even cruelty on the other, and their minde one will consider us prejudiced when we say, that we think Eng. aystem of nicking, docking, check reins, blinders to the bridle We casily curb a and other harness paraphernalia, which we have inherite and carried to America with us, are greatly to be deprecated. three respects we might learn many a good lesson of barbaron Russic and other nations. We mean to bring these usages and some proposed reforms to the notice of our readers hereafter.

#### BREEDING .- PARTURITION.

The characteristics of the different breeds of British cat.le. th peculiar excellencies and the peculiar defects of each, and the pasture, have been already considered, a few remarks on the pris

ciples of breeding were reserved for this chapter.

That which lies at the foundation of the improvement of crem stock, or the successful management of it, is the fact,—the con mon, but too much neglected axiom, that "like produces like The Galloways of England are much like our snug little horses. This is the governing law in every portion of animated nature of the north, but we found nothing here which we thought equal. There is not a deviation from it in the vegetable world, and is all times to hold good, it is because another power, the intellecta the imaginative-somewhat controls the mere organic one, in a great many instances, the organic principle is still in far activity, for the lost resemblance to generations gone by is pleasing y and strongly revived. The principle that "like produces like," was that which gave birth to the valuable, but too short-lived, m Luicester breed; it was the principle to which England is indebte for the short-horns, that are now establishing their superiority every district of the kingdom. Every cow and heifer of the SHAKSPRANK blood could be recognized at first sight as having & scended from Mr. Fowler's stock; and the admirer of the shor horns can trace in the best cattle of present day the undoubte lineaments of FAVOURITE.

This principle extends to form, constitution, qualities, predi position to, and exemption from disease, and to every thing the can render an animal valuable or worthlessa. It equally applic to the dam and to the sire. It is the foundation of scientific as

successful breeding.t

Let it be supposed, that the cattle of a certain farmer have so excellent qualities about them; but there is a defect which co siderably deteriorates from their value, and which he is anxious remove. He remembers that "like produces like, and he look about for a bull that possesses the excellence which he wishes engraft on his own breed. He tries the experiment, and, tot astonishment, it is a perfect failure. His stock, so far from in proving, having deteriorated.

The cause of this every-day occurrence was, that he did a fairly estimate the extent of the principle from which he expect so much. This new bull had the good point that was wanting his old stock; but he too was deficient somewhere else, and, then

The simple observation, that domestic animals possess a tendency tor duce animals of a quality similar to their own, was the ground-work of Bakes all a proceedings. It was equally obvious to others as to him, but him first applied to the cisful purpose to which it has since been render aubservient. Having made this observation, he inferred, that by bringing the control of the co gether males and females powersing the same valuable properties, he status their preparties in their offspring, probably in an increased degree, being inherited from both parents; and he-concluded, that by persisting the production of such selections, always keeping in the product of such selections, always keeping in the productions.

although his cattle had in some degree improved by him in lof heart which his land will hear the kind of ment must in deof breeding. i quality that they had previously exhibited—then, and then I

dipring.

is the outset of his career, the farmer should have a crear and qualifications, a hardy constitution, should not be wanting. amined conception of the object that he wishes to accomplish. stof British cattle; but the farmer with his limited means, and dappear to be in natural keeping, and be turned to the best muge.

the lext beast for him is that which suits his farm the best; and, blies of his own cattle, and those of his neighbours. The from will regard the quantity of milk—the quality—the time the cow continues in milk-its; value for the production of er or cheese—the character of the breed for quietness-or as good nurses - the predisposition to red water, garget, or dropfafter culving-the natural tendency to turn every thing to nuent-the ensiness with which she is fattened, when given up as uker, and the proportion of food requisite to keep tier in full tor fatten her when y. The grazier will consider the kind

Mr. Adam Ferguson, of Woodhill, to whom the Highland of Society of Ar. Adam Ferguson, of Woodhill, to whom the Highland of Society of Lind, and the Ecutish egriculturistic scenerally, are so much indebted, has a wing anecdote on this point. "I recollect, secretal years ago, as a dismost observer's in Northumberland, meeting with a briewd Scottish hore, (indeed, if the report be true, the original and identical Dinmont.) who, a simiring with a considerable spice of national pique, a very shortable unit of the manded anniously to see the dam. The cow being accordingly weed, and, having undergone a regular-survey, Dandy vociferated with a children of the property of t

way, that was more than counterbalanced by the inheritance of I mand in his neighbourhood - the early maturity -- the quickness of Here is the secret of every failute—the grand princi- I fattening at any ago. the quality of the meat—the parts in which ing. The new-comer, while he possesses that which I the floth and fet are principally laid—and, more than all, the harddesideratum in the old stock, should likewise possess every thread and the adaptation of constitution to the climate and soil.

I quality that they had previously exhibited—then, and then a fargraphet if he sends a worthless cow to the best-bred hull—or, is other hand, if his cowa although they may have many good be other hand, if his cowa although they may have many good skies, are served by a hull that perhaps he has searcely seen, or as points he has not studied, and whose only recommendations and structure; and at length he will arrive at a clear conception, not so much of beauty of form (although that is a pleasing object to obtain these valuable properties, the isometry of the character and qualities of his own shock. He will trace the connexton of certain good qualities and structure; and at length he will arrive at a clear conception, not so much of beauty of form (although that is a pleasing object to obtain these valuable properties, the isometry of the character and qualities of his own shock. He will trace the connexton of certain good qualities and structure; and at length he will arrive at a clear conception, not so much of beauty of form (although that is a pleasing object to the character and qualities of his own shock. He will trace the connexton of certain good qualities and structure; and at length he will arrive at a clear conception, not so much of beauty of form (although that is a pleasing object to the character and qualities of his own shock. He will trace the connexton of certain good qualities and structure; and at length he will arrive at a clear conception. Dequestion as to the comparative influence of the sire and the to contemplate) as of that outline and proportion of parts with is a difficult one to decide. That farmer will not err, who which attility is oftenest combined. Then carefully viewing his stock, he will consider where they approach to, and how far they is the grand principle of breeding equally to both of them. stock, he will consider where they approach to, and how far they sepresent system must importance, and that very justily is sense the one, and to supply the delicincy of the duted to the male. He is the more valuable animal, and serve or to increase the one, and to supply the deficiency of the epally more valuable on account of the more numerous pro- other. He will endeavour to select from his own stock those what is to proceed from him, and thus his greater general in animals that excel in the most valuable points, and particularly set; and therefore superior care is testowed on the first selecof him for rearing. The farmer studies the bull-calf closely, will unhesitatingly condemn every beast that betrays manifest de-tinures himself that he possesses, in a more than usual degree, a ficiency in any one important point. He will not however, too characteristic excellencies of the breed. When this care as to long confine himself to his own stock, unless it is a very numerous possession of such combination of good points has extended one. The breeding from close affinities—the breeding in and interested to the son through severel successive generations, it has many advantages to a certain extent. It may be pursued unterested that he will possess them in a higher developed and when the formula can. The will be made and the catallished. It was the surges whence are into nowever, the control of the production of the breed is developed and when the formula can. The will be made and the catallished. It was the surges whence are into nowever, the control of the production of the breed is developed and than the formula can. than the female can. They will be made, as it were, a part, catablished. It was the source whence sprung the cattle and the portion of his constitution, and he will acquire the power of sheep of Bakew. 13, and the superior cattle of Colling; and to it certainly, and to a greater extent, communicating them to must also be traced the speedy degeneracy—the absolute disappearance of the new Leicester cattle, and, in the hands of many an lathis way the influence of the sire may, in well-bred animals, agriculturist, the impairment of constitution and decreased value posidered as superior to that of the female, but here is always; of the new Leicester sheep and the short-horned hearts. It has, and must not be forgotten. In Arabia, where the mare is, therefore, become a kind of principle with the agriculturist to elect of chief attention, and her good qualities are enrefully effect some change in his stock every second or third year, and and systematically bred in her, the influence of the females that change is most conveniently effected by introducing a new sedly preponderates; and, on the same principle, that of the bull. This bull should be, as nearly as possible, of the same sort; by bred cow will preponderate over that of the half-bred bull coming from a similar pasturage and climate; but possessing no rescellencies are an hereditary and executed part of her, and relationship-or, at most, a very distant one-to the stock to which tikely to be communicated to her off-pring than those which he is introduced. He should bring with him every good point been lately and accidentally acquired by the hull with no which the breeder has laboured hard to produce in is stock, and effect, or with many a blot in it. Custom and convenience, if possible, some improvement, and especially where the old stock mer, raduce the generality of breeders to look must to the may have been somewhat deficient; and most certainly should be have no manifest defect of form; and that most essential of all

There is one circumstance, however, which the breeder occasionshould consider the nature of his farm; its abundance or de- ally forgets, but which to it as much importance to the permanent my of pasturage; the character of the soil; the seasons of the value of his stock as my careful selection of animals can be-and when he will have plenty or dederency of food; the locality that is, good keep. It was judiciously remarked by the author of hisfarm; the market to which he has access, and the product the "Agriculturel Report of Staffordshire," that "all good stock the will there be disposed of with the greatest profit, and these must be bred with attention and well fed. It is necessary that swill at once point to him the kind of beast which he should these two essentials in this species of improvement should always whicitous to obtain. The man of wealth and patriotism may accompany each other; for without good resources of keeping, it is more extensive views, and nobly look to the general improve- would be vain to attempt to support a capital stock." This is true with regard to the original stock; it is yet more evident when anithe claims that press upon him, regards his cuttle as a valua-malk are absurdly brought from a better to a poorer soil. The sotion of his own little property, and on which every thing original stock will deteriorate if neglected and half starved; and the in proved breed will lose ground even more rapidly, and to a far greater extent.

The full consideration, however, of the subject of breeding beha view to this, he studies, or ought to study, the points and I longs to the work on " British Huybandry," and there full justice will be done to it; but the few hints that have here been dropped

Upon the principle that 'like produces like,' he (Bakewell) started, and
the advantages which crowned his exertions may be thus stated; an increased the avantages which crowned his to be understood not only a form perfection of reperal symmetry, by which is to be understood not only a form attractive to use eye of taste, but one in which the judgment acknowledged a considerable preponderance of the valuable parts of the carcass over those of less value; an increased tendency to lay on flesh of a superior quality under all circumstances of feeding, and, of course, a superior article for the use of the consumer, produced by a decreased consumption of vegetable or other food.

A person waule often be puzzled; he would find different individuals pos-A person would often be purzled; he would find different individuals possessing different perfections in different degrees—one, good fieth, and a tendency to fatten, with a bad form—another, with fine form, but had flesh, and little disposition to acquire fat:—what rule should he lay down, by the observance of which good might be generally produced, and as little evil as possible effected?—UTILITA. The truly good form is that which secures constitution, health, and vigoui—a disposition to lay on flesh, and with the greatest possible reduction of dail. Having obtained this, other things are of a minor, although perhaps of considerable importance.—The Rev. H. Derry's Prize Lingu. Lugu.

with reference to the fundamental principles on which the im- our agriculturists generally; whereas, should they fail, the disprovement of cattle must be founded will not, perhaps, be deemed pointment and loss would fall only upon him, as, in either to

#### From the Islander.

### CENTRAL P. E. I. AGRICULTURAL SOCIETY.

The Annual General Meeting of this Society was, pursuant to advertisement, held on Wednesday evening last, in the Court a Report of the operations of the Society for the past year was numerous and respectable, almost, it is said, beyond precedent in this island. The Chair was taken by His Excellency the Lieu tenant Governor, the Patron of the Society, a little before 7 o'clock, I read, was then moved by the Hon. Joseph Pope. In doing set short but appropriate speech, to which his style, tone, and manner gave a most pleasing and happy effect. His Excellency commengave a most pleasing and nappy chees.

Also accuracy on such general, on the countenance and coconing on such proceedings by Her Majesty's representative presiding on such an occasion, adverting to the number of respectable agriculturists. present, who, by their presence there, and the general interesttaken by them in the proceedings of the Society, seemed, with himself, to feel the conviction that by no other means than a stendy, persectiony. vering attention to agriculture by the chief portion of its population, could this Island be elevated to that high position in prosperity and opulence, to which he and they carnestly desired at should attain. His Excellency then alluded to his profession-that of a sailor-and his never having until his arrival in this Colony, had an opportunity of directing his attention to the ploughing of the soil. He said, that now, however, influenced by the consideration of its vast importance to this Colony, he had turned his attention to agricultural business. He said he had imported various manures from England, and was now testing their efficacy by experiments; he was also experimenting, as respects different kinds of fond and modes of treatment, in the feeding and fattening of cattle. The result of his different experiments would, in due season, His Excellency observed, be communicated to the Secretary of the Society, and by the Secretary would be presented to the public. His oxperiments, His Excellency, in conclusion, good humouredly observed, might possibly, be very ridiculous; but, he reminded the meeting, that should their results tend to any improvement in the practice and concerns of agriculture, the benefits would accrue to

. The following extract from "the Rev. Mr. Berry's Prize Essay" contains the sum and substance of the principles of hered. good seed grain—that the consideration of that alone might

A person selecting a stock from which to breed, notwithstanding he has set up for himself a standard of perfection, will obtain them with qualifications of different descriptions, and in different degrees. In breeding from such he will exercise his judgment, and decide what are indispensable or desirable qualities, and will cross with animals with a view to establish them. His proceeding will be of the 'give and take' kind. He will submit to the introduction of a trifling defect, in order that he may profit by a great excellence; and between excellencies, perhaps somewhat incompatable, he will decide on which is the greatest, and give it the preference.

" To a person commencing improvement, the best advice is to get as good a bull as he can; and if he be a good one of his kind, to use him indiscriminately with all his cows; and when by this proceeding, which ought to be persisted in, his stock has, with an occasional change of bull, become sufficiently stamped with designble excellencies, it selection of males should then be made, to eradicate defects which he thinks it desirable to get rid of:

"He will not fail to keep in view the necessity of good blood in the bulls resoried to, for that will give the only assurance that they will transmit their own valuable properties to their offspring; but he must not depend on this aione, or he will soon run the risk of

degeneracy.

"In animals evincing an extraordinary degree of perfection, and where the constitution is decidedly good, and there is no prominent defect, a little close breding may be allowed-as the son with the mother, to whom he is only half-blood-or the brother with But this must not be injudiciously adopted or carried too far, for although it may increase and confirm valuable properties, it will also increase and confirm defects; and no breeder need be long in discovering that in an improved state animals have a greater tendency to defect than to perfertion. Close breeding, from affinities impairs the constitution, and affects the procreative owers, andtherefore a strong cross is occasionally necessary."

the cutlay would be entirely his own.

The opening speech of His Excellency was received with most respectful evidences of approbation-silent and eager atte tion on the part of all during its delivery, and the applicue of on its conclusion.

Mr P Macguwan, the Secretary, then came forward, and The assemblage of practical agriculturists Report, which is long and comprehensive, was, seemingly lever

to with much attention and interest. spoke at some length, and greatly to the purpose. He congrate. ted the Society and the agricultural population of the Colory the vast importance of a general attention to agriculture, as f only auto means of advancing the prosperity and wealth of the 6 He represented the great and general good which hatte done to the Island by the Central Agricultural Society. Heta trasted the present agricultural state of the Colony-in which can compete, he said, either as it respects the quality of our gain or of our meat, with any portion of the British dominions are its condition five and twenty years ago, when he first landed in a Island-when a farmer inight frequently he seen entering theto with a careast of yeal, or sometimes two, under his arm, so miss bly small and poor were the animals then brought to market.

George Cole, Esq., M. P. P., in seconding the motion of a Hon. J. Pope, also made some interesting observations to a meeting. In the first place he pointed out the benefits result from top-dressing of meadows, saying that, in his own practice, land tried all sorts of manures, and found all to answer equ -ell. He then adverted to the new market opened to us by a new tariff, and pointed out the necessity there existed of fame more effectually cleaning their grain, if they had any thought exporting it for sale in British market. Mr. Cole, in conclus regretted the abandonment of the practice of awarding premis by the Society. One good of so much importance, he said h resulted from the practice-the enabling of agriculturist to presufficient inducement to the resumption of it.

The Report, as read, was then adopted. When we can pa cure a copy of it, we shall be happy to lay it before our reader.

After the Report had been thus disposed of, Mr. Lens commenced his Address. We were obliged to leave the Commenced House soon after he began, and therefore, from personal ober tion can say little upon this subject. We have no doubt, howen that in his Address, Mr. Lewellen ably sustained the reputer which he has long enjoyed in this Colony for general talents a information, and, particularly for his skill and auperior judges in the science of Agriculture. We should also feel much grant in being enabled to publish Mr. Lewellen's Address, as well ut Report.

Before we left the meeting the following donations to thes ciety had been announced :- £10 from his Excellency; a cola tion of farm and garden seeds, from her ladyship the Dove Counters of Westmoreland; Hon. Charles Young's donators £1; £1 from the Hon. William Swabey, and £2 from \$

Through favour of the Secretary, Mr. P. Macgowan, we enrolled to give the following Resolutions of the Society, panel their late meeting.

Upon motion of the Hon. Joseph Pope, seconded by Gen Coles, Esq.

Resolved, That the Report of the Committee now read, adopted and published.

Upon motion of Captain Swabey, seconded by the Hon. Alls ney General.

Resolved, That the thanks of this meeting are eminently dut His Excellency Sir Henry Vere Huntley, the worthy patron the Central Agricultural Society, for having condescended to the the Chair on this occasion-for the liberality of His Excellend donation of Ten Pounds, in aid of the Funds of the Society. for the indefatigable exertions which His Excellency continual evince in promoting the cause of Agriculture in this Colony.

You motion of William Macneil, Esq. seconded by James, is by severs application at a reason of life, when it is vastly more Heieard, Esq.

Resolved. That the following gentlemen do form the Commit- at an earlier period of life. for the ensuing year t

Hop. John S. Macdonald, President.

finels Longworth, ten. Esq. Vice President.
Connittee-William Douse, Charles Stewart, Henry Longeth, Charles Haszard, Alexander Laird, George Beer, sepr. mas Owen. Dr. Macgregor, James Mutch.

Scretary be authorized to have a number of copies thereof judicious rotation of crops, sed.

ymple-

English, That the thanks of this meeting we given to the Of-en of the Society for their attention to the affairs of the institu-adding the past year.

The motion of Henry Palmer, Esq. seconded by John Long-

nh, Eug. Rudred, That the thanks of this meeting be given to her Ladygthe Dawager Counters of Westmoreland, for her handsome tion, improvement and management of their stock. tion, consisting of an excellent collection of farm and garden

Upon motion of Francis Longworth, Esq. seconded by the a Joseph Pope-

idoleid, That the Committee be instructed by this meeting to ly to the Legislature at the ensuing Session, for an Act to In-

porate the Central Society. pon motion of Thomas Owen, Esq. seconded by William.

det. Esq. rality manifested towards the advancement of the Farming inst, feel it their pleasing duty to offer their cordial thanks to eindividuals who have this year voluntarily contributed to the ds of this Society.

### From the New York Central Farmer-

### WHAT SHALL BE DONE TO IMPROVE OUR AGRICULTURE.

That has been done in England, has been the result of careful tical knowledge, has there produced the results, which to ash y of our farmers, is a matter of perfect astonishment. heard before that such crops as we read of, have been raised? tent to pursue the course of their fathers-they continue on, crops diminishing from year to year, as the land is exhausted ad when they can no longer sustain themselves, migrate to some er country and then begin upon the virgin soil, and pursue the e course, which, if not arrested, will in time produce like re-

but shall then be done? We answer,—in the first place, for broad cast over the land, intelligence—calculated to arouse farmer -- to awaken within him a desire to equal his brethren w the water. To accomplish this-we must incorporate with system of education, agriculture, as a branch of study. Why ld not this be done? Can any good reason be assigned why who compose the great majority of this nation, should not some attention paid to the education of their children, preog them sensibly and properly to occupy the stations they are ned to fill in our land?

our sons are designed for the learned professions, as they are their eduction must be shaped in the particular profession shich they are designed. If mercantile life is to be pursued. all its risks and hazards—they must be prepared for that. If chanical branch is to be pursued, their attention is directed to branches of study as will fit them for their employment. But

e boy is destined for the farm—no peculiar care is manifested seducation. A few winters passed at school—and his educa-

difficult to obtain the knowledge he needs, than it would have been

We know that there is a great projudice existing against learned farmers. Wa advocate no system, but one which has practical agriculture connected with it. Let our schools have instructors who are capable not only, but who shall be required to adapt their instruction to this end. Let science be made to lend her aid in accomplishing the object. What immence good has resulted Ton motion of William Douse, Eng. seconded by Edward from the application of chemistry to agriculture—and ought not since, Esq. are children to be so instructed, that they can avail themselves of the bonefit of science, while at the same time, they are instructed reflen, Esq. for it e ability and research which he has displayed in every branch that relates to the cultivation of the collisions prearing the able Address delivered by him this evening-and use of manners, a correct analysis of soils, a proper adaptation and

Is there any ti flictilty in accomplishing this? We answer none Con motion of Dr. Macgregor, seconded by the Hon. George | that is serious. Already has a school been established, and a farm connected with it near the city of Philadelphia, from which, ere long, we doubt not, will come forth young ment with minds well stured with science;—not with roft Annue, of whith farmers are so much straid but with hands hardened at the plough, and in the field-while they will be prepared Judiciously to avail themselves of all the improvements which can be gathered from other countries and our own, in the cultivation of their farms-in the selec-

From the American Agriculturist.

#### TO THE FARMERS WHO OBTAIN MANURE FROM THE CITY OF NEW YORK.

In my last I brought to your notice two fertilizing materials heretofore thrown away in our city. I shall proceed in this and future essays, to bring forward all others that may come under my inepection.

There was one error in my last which I now rectify. In refer-ring to charcoal dust I am made to say, that "it can be bought at two shillings por barrel, and that a friend had bought sixty larrels at that price I It should have been one shilling per barrel. This is the dust left in the bottoms of the vessel after selling the large coal.

I shall now bring to your notice the article of soap lees, a c. the lees thrown away by our . ... builers This matetial is one of the most valuable fertilizers the farmer or gardner can collect, with the exception of ammonia. When soap is made with caustic potash lye, and then hardened with the soda of salt, the liquor run off eriment, pursued for a series of years-science, combined with will contain muriate of potash, with a small portion of free pot-If this liquor contained no other ingredient, the best appli-A short cation would be to add 2 gallons of it to 20 gallons of water, and ment with them is Book Farming who believes it who let it fall on the land by the same process that our streets are watered. There is, however, another material combined with it, which makes it the interest of the consumer to put it into a compost heap with charcoal. There is in every hundred weight of fat used by the somp bailer, two or three pounds of thin filmy skin, which do not enter into the soap; and this being dissolved in the lye, passes off with it, and when decomposed in a manura heap, will furnish a large supply of ammonia. To prevent its evaporation when formed, the presence of charcoal or plaster will be necessary.

When soap is made with barilla, the residuum will contain murinte of soils, carbonate of soils, and some caustic soils; together with the animal matter as mentioned above.

The value of this material can be accurately estimated by those using it, when I inform them, that five gallons of the lye contains in solution more than two pounds of potash, when made with potash lye, and hardened with salt: or of soda, when barilla is used. This is as much alkali as would be contained in three barrels of sospers' ashes.

A gentleman near Hartford, Conn., has used soapers' lees as a manure, and speaks of its productive powers, as far exceeding his

most sanguine expectation,

The next material I shall call your attention to, is the blood now thrown away at our slaughter houses. This material is one of the most valuable of the fertilizers, and should be placed in a manuse heap, with a large portion of charcoal, or platter, to absorb is completed—and he enters upon manhood, with a scanty the ammonia furmed during its decomposition. An addition of y of information adapted to his station in life—and if he caustic line would greatly facilitate the process. It is a com-

One of the salts of sods is a phosphate, which indicates its premies applicability to the potetoe, as this plant contains more, phosphate of lime than any other cultivary regetable. It also contains nousiderable prussiate, which readily passes into ammonia when decomposed by fermentation. Some few years since dried brond was employed as the animal matter in making pressure or potash.

I shall now direct your attention to the liquor thrown away by a street of the liquor thrown and liquor thrown a street of the liquor thrown and the liquor thrown at a district thrown that he is prepared to receive orders for making. Thrown having sold trousends of pounds of single and double I ammonia; tonios that he is prepared to receive orders for making Thress made from it. To those farmers and gardners who ive at a distance from New York, I would recommend to mix with this liquot a large free for York, I would recommend to mix with this liquot a large quantity of ground pleaser, sitting well several times, and then covering down until the plaster has all settled to the bottom; then covering down until the plaster has all settled to the bottom; With two hores, his machine will thresh 25 bushels of sense tate may be conveyed away at a small experse. A much smaller to fact working condition. With two horses, hien tugge quantity of charpool would answer than of plaster, but in this inquantity of charmoid would answer than of plaster, but in this since the application would be fet store troubleams and tenious. Those who live ness can east it away in early and place at in their compost heaps, adding charmoid, as before directed for amountable of rate per hour, and a circle of 25 feet in diameter, at well of 7 niles for 7 niles for home, and can not housing the fact of 91 to 7 niles for home, and can not disting the figure applications. Land already something charmoid may be material without listing. The portable machines can be removed one hard to much this liquid, by mixing it with eight times its measure of water, but if put on in its full arrength, the regotation then in the containing the destroyed by it. This affect is, I believe, called by our received, wherever they have been tried, he has reason to be stuffed with the solution of the law of the pare sine section. farmers burning. I presume, if a man were to be stuffed with that they only require to be known to come into extensive and however nutritious in moderate applications, until he were fined, however nutritious in moderate applications, until he were Tetters ad iressed (post poid of free) to the manufacturer, at fined, however nutritious in mouetain appropriation, just so it offers an iresset post point of the would die under the operation, just so it the wliter of the Mechanic & l'armer, will retrive every attention to the mouth, he would die under the operation, just so it of the Mechanic & l'armer, will retrive every attention to the mouth he would die under the operation, just so it of the Mechanic & l'armer, will retrive every attention to the mouth he would die under the operation, just so it of the Mechanic & l'armer, will retrive every attention to the mouth, he would die under the operation, just so it of the Mechanic & l'armer, will retrive every attention to the mouth, he would die under the operation, just so it of the Mechanic & l'armer, will retrive every attention to the mouth, he would die under the operation of the Mechanic & l'armer, will retrive every attention to the mouth he would die under the operation of the Mechanic & l'armer, will retrive every attention to the mouth he will be provided in the mouth of the mouth of the mouth of the mechanic & l'armer, will retrive every attention to the mouth of the m

I would suggest to one or more of our enterprising gardeners to place some of the empryeumatic ta:, collected in making gas, and of that produced in distilling pyrolignous acid, into a compost heap, adding to it charcoal and quick lime, and try its fertilizing

powers

soot, now thrown away in our cities.

collected in England, and hold to the farmer for more than sixty who may require such an article, and will rentitre to assure years. One hundred weight of it is considered equivalent to a person that if they purchase one they will never have reason to single cart load of barn yard manure, yet our Long Island farmers gret it, as an unprofitable insestment of capital. have permitted the immense quantity supplied by sweepers in New York and Brooklyn to be thrown away. Now supposing we have seventy five thousand chimnies in New York and Brooklyn, each chinney swept twice a year, and each swee ing to affird fwenty pounds of soot, there will then be thrown away fifteen hundred tons of soot per annum. This would be amply sufficient to onrich annually three thousand acres of land.

Soot, by analysis of Braconnet, is found to contain fourteen distinct meterials, all of them good fertilizers. Rather more than thirty per cent is similar to a material made from sawdust and potasin; about twenty per cent is animalised matter, soluble in water; fourteen per cent. is carbonate of lime; more than ten per cent. is acetate and sulphate of lime, and about five per cent. acetate of potash.

Our farmers will perceive, from the above analyses, that every one hundred pounds of soct contains more than seventeen pounds of potesh or more than three hundred and forty pounds in crety ton. Thus we prove, that if all the soot thrown away in New York and Brooklyn could be applied to our Long Island farms, they would obtain a supply of potash alone equal to five hundred an ten thousand pounds annually, equivalent to twelve hundred barrels, and this only equal to one third of the fertilizing propersies of soot !! Let me ask our intelligent farmers if they will continuo to permit so valuable a insterial to be thrown away?

The ashes of coal is a valuable material for pasture land, more particularly when the sod lies on elay, or when it becomes mossy In applying ashes to such land I have seen it produce surprising effects, but I have never had any experience of its application to arable land. I should consider, however, a priori, that it could not fail to be highly beneficial to heavy soils.

WM. PARTRIDGE.

WHITE CARROTS- AS A FIELD CROP.- We notice in the New England Farmer, that a gentleman near Boston, has raised the past season more than twenty two tons per acre of this variety of carruls. They are larger than the Orange Carrot, and protrude

shore ground so as to be as easily gailiered as the neet. Wester I rige from the description given, that this is a very ratuative sale and worth; the attention of farmers.

### Blaikie's Portable Threshing Machine

Worked with two, three, or funr horses at pleasure,

Green Hill, West River, Telruary 1.

CERTIFICATES.

This is to certify that in Desember, 1841, I purchased es The shall proceed to call your attention to the coal sakes, and the other of the way in our cities.

The shall proceed to call your attention to the coal sakes, and the other thrown away in our cities.

The coal is no farmer so is not an out to know that soot is from the e of it, it has amply repaid me for the use of it, it has amply repaid me for the use of it. There can be no farmet so ignorant as not to know that soot is from the e of it, it has amply repaid me for the use of it. an acceedingly valuable feetiliset. To my knowledge it has been therefore confidently recommend these machines to every farmed the south of the confidence of t who was require such an article, and will senture to assure GEORGE Mc DONAL

West River, January, 1843.

Having worked for some time with one of Mr Blackie's The ing Machines, with moving horse power, would recommend & a superior article, and are certain, that no farmer could make a ter investment than to supply himself with a machine of thuk

SAMUZL FRAM JOHN FRASER.

New Glasgow, Jaunary 3, 1843.

I have had Messra, Frasers Threshing Machine, made by Thomas Blackie, threshing for me two or three days, and for to surpass my expectations. It done the work well, and their clean, and I would recommend it as a very superior articles as regards saving or labour and grain.

B. I. KIRREATSKE

New Glasgow, January 3, 1943.

Having witnessed the Threshing Apparatus, made by Mr. I mas Blaikie, in fuls operation, I give it as my decided op that it far exceeds, in usofulness, and saving of labour, say t of a similar nature which has come under my observation, and it is preferable to any other kind used to the Province. JAMES CARRICHIE

New Glasgow, January 3, 1843.

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