SATURDAY by

ANDREW LIPSETT.

at the

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## Agriculture.

Charlotte County Agricultural Society.

The Annual Meeting of the members of the Charlotte Co. Agricultural Society, was held in Paul's Hall, St. and this belief is shared by a great Andrews, on Thursday 28th inst. The Chair was taken at three o'clock p. m. they will yet constrain the people of by the President, Robert Stevenson, the "Hub" to entertain the same gentleman also said he would rather in such an hour as ye think not, the Charles Kennedy. Esq., the Secretary read the records opinion. The result will be to secure a of the past year, and also submitted the Annual Report, together with the Market, such as was obtained in St. Report of the Treasurer. Messrs. J. John for some years past, where St. R. Bradford and Thomas Hipwell, Andrews turnips have always comwere appointed Auditors, and the Trea. manded a higher price, than have that he could restore fertility to the determined, that her interests requirsurer's accounts were submitted to done any others. them. The Secretary then read the Annual Report as follows :-

To the Members of the Charlotte County almost all kinds of farm produce, ex Agricultural Society.

GENTLEMEN,-In accordance with than they have for some years past, our Annual custom, we now lay before but as a compensation, manufacturyou the accounts of the Treasurer, to ed and imported goods of all kinds gether with a tabulated statement of rate correspondingly low. The comthe financial position of the Society, mittee of management, believing that factory, and will now in this our Anmatters, which we think may be of interest to you, and profitable to us all. In compliance with, as your committee of management thought, the wishes of a majority of the members of the society, the hour for commencing the ploughing match, was changed from the forenoon to the afternoon; the change appeared to work very well

The Committee of Management met as frequently during the past year, as the society, and believing that it did the interests of the Society required; they always embrace any opportunity that presents itself in the direction of the improvements of stock, when it is at all within the means of the Society, they therefore took advantage of the Government's importations of pure bred sheep, to secure a ram, which was selected and purchased for the Society by M. J. C. Andrews, Esq. The ram is a very handsome one, and reflects credit upon Mr. Andrew's judgement, the price paid was fiftyfive dollars. In compliance with the regulations of the Department for Agriculture, the ram was, after having been duly advertised, offered for sale at public auction, and knocked down to James Russell, Esq. of the Parish of St. Croix for twenty-one dollars. We are quite sure that the ram could not have fallen into better hands, for the intelligent interest taken by Mr. Russell in the improvement of stock, and in agricultural pursuits generally, is well known, and further the central location of his farm, will make it very convenient for those in the district who may require the services of the ram for their flocks. If the result of the introduction of this animal, and prove as satisfactory, as did that of the pure bred, neat cattle previously introduced by the Society, it will have

reason to feel more than compensated for the loss sustained in its funds. The past season, in the early part thereof, was remarkably dry and free from rain, as a result thereof, the Turnip Crop, which in this section of the country, is a very important one, was delayed in growth, and the yield to a very appreciable extent diminished. Very early in the season the potatoes were struck with the rust, and a crop that previous to this promised such good results, at digging time turned out at least thirty three per cent. less quantity than had at one time been reckoned upon However the loss has to some extent been cured, by the ready sale, and good prices obtained this fall, in consequence of the unusual demand for potatoes in the United States market. prices at one time reaching two dollars per bbl. It is to be feared, that induced by the high prices, some parties have sold themselves short, and that next spring, a scarcity of seed will prevail. The wheat crop, has proven to be a good and profitable one. The action of the Provincial Government in importing seed wheat. gave a great impetus to the raising of this cereal, for it is unquestionably true, the farmers could not have sown such a large acreage as they did. It is estimated that almost enough wheat has been raised in the Parish of St. Croix to bread the residents thereof The yield per acre was not behind that of the much vaunted western wheat growing districts twenty five bushels to the acre being commonly the result; the average quantity of seed to the acre was two bushels. seems now to be demonstrated, that with a proper preparation of the soil and with the selection of the field chemical ingredients, that science has discovered to be required for the growing of wheat, or the soil lacking to take a lesson from nature, which those elements, its introduction thereto, by application of the right kind of fertilizers there is no good reason.

why our farmers should not success-

fully cultivate the cereal.

## DEVOTED TO AGRICULTURE, LITERATURE, AND NEWS.

ANDREW LIPSETT, Publisher.

still determined to secure a market

for their surplus turnips in Boston,

they have a strong faith in the result

of pluck and perseverance they be-

lieve, that the turnips grown in this

good qualities, those grown elsewhere,

demand for these turnips in the Boston

The hay crop so far as we can learn,

has been an average one. Prices for

cept potatoes, rate lower this year,

the introduction of a good Stud Horse

into this county, was most desirable.

and would greatly encourage the

breeding and raising of a better class

of horses, have had under consider-

ation from time to time, the ways and

means of procuring one. They very

ately heard that one of the best of

the Pecheron Studs, imported four

years since by the Government was

for sale, they at once instituted en-

could be purchased: finding that the

also that of the other Societies in this

position to the other Societies in the

County, with a view of, by united

action, securing the horse for the

County; the proposition they thought

was a feasable and a reasonable one,

viz., that each Society in the County

appropriate one-half of their Govern-

ment grant each year, for say four

years, or less, which would be govern-

ed by the price paid. A committee

from each Society, in proportion to

the stock held in the animal, to be

appointed, they to have its control

and management. The proposition

was favorably received, but the St

Croix Society, as your committee

have learned, are in treaty for the

purchase of the horse on their own

account; the negotiations looking to

wards joint action of the Societies, re

It is a source of satisfaction to all

right minded people, that greater

interest is being manifested in the

doubt to some extent is caused by the

general depression that so widely pre-

vails in commercial, mechanical and

begin to think of the farms that were

once productive, but which, by

reckless system, or no system of cul-

run out; then abandoned; the owners

will-when freights went down.

workshops and shipyards closed, and

building operations were suspended:

when Saturday night after Saturday

night there were no wages to take

home; when want begun severely

to press, and the children cry for

to the old farm, which, although it

was treated so badly, was starved and

negligently tilled, yet never refused

a return in proportion to the labor ex-

pended upon it. Then the the deter-

mination is at once formed to return

once more to that loving mother

earth, that when cultivated, no hard

times ever caused it to cease yielding

its increase. In this province of ours,

no man need be without a farm. The

Government are prepared under the

"three grants act," to give farms to

all who will take them, requiring

only for payment, that within a cer-

tain fixed period, improvements shall

the benefit of those who make them.

To those who dread going into the

forest, there, to hew out a home for

chances to purchase farms: farms

that have been abandoned by their

owners as worn out, but which, like

many abandoned mining claims in

the gold regions, prove perfect gol-

condas to those who patiently and

words of Rev. M. F. Clarke, as pub-

lished in a recent number of the

Montreal Witness. "It was a mistake

because it was old. Farmers ought

verts them into a manure to keep up

the fertility of the soil, from whence

to think that land was poor, simply held at St. Stephen, where he was

themselves, there are

ments being solely and entirely for support.

pursuit of agriculture—which

manufacturing interests.

mains in abeyance.

quiry as to the terms on which

price named exceeded the means

"AGRICULTURE THE TRUE BASIS OF A NATION'S WEALTH.

bandry, or turn over a new leaf, and one year; their decease is a solemn

trials incident to the latter. On our last Annual Report, the rumblings

working an old worn out farm, he of war, were heard all over Europe,

found his irst mistake was in the idea and at one time, Old England, had

soil by applying manure; he found it ed, that she should say to the Northern

was too costly a method, as he could Bear, "stop, thy ravages must proceed

not procure enough on the farm. He no further, thou must return to thy

then tried another plan; another lair again," and in order to enforce

agent about which farmers seemed to obedience to her command, the guns

know little, and used less, the ferti- were loaded, the hand was on the

lizing properties of which were dis-| sword, and British tars, and soldiers

covered simultaneously by a chemist stood "ready aye ready," for the signal

New York state-was red clover-and bat. But by the great skill of British

ground; while the broad leaves draw their blood in defence of the honor of

from the air ammonia. Although it that 'Meteor Flag of England,' which

ammonia from the air, the clover leaf battle and the breeze," and which.

monia, is therefore a most valuable a slave." It must to-night be the

reasonable degree. Thus it is seen right speedily.

that what the tap root does below

all kinds of weather, which rapidly de-

necessity of organization, meeting

together frequently in clubs for the

interchange of ideas; farmers as a

rule too much neglect this. Why is it

rushing to the towns and cities, where Country, and then by meeting with In conclusion we tender to the mem

success; but when the days of stag- vou will in presence of your fellows kind co-operation and support, with-

ests, the rights of your class, in our

Another educator is the Agricul-

tural Newspaper, we cannot help

thinking, that every farmer whe does

not subscribe for a good Agricultural

Journal is guilty of a blunder, and a

crime against his children. While we

do not wish to say a word against

agricultural papers, published in an

other country, we must say that in

our humble judgement a paper pub

lished in our own province, ought to

be first considered, for it is more an

ture suited to our own immediate lo-

cality, than will be found in papers

elsewhere published. In this connec-

tion we would invite attention, to the

Agriculturist, a paper published in

be made thereon, these improve- our people its claims for a generous ing a large addition to the member-

on record our sense of the great loss our

Society has sustained by the death

recently of two active members of the

Committee of Management, ; we refer

first to the death of the late John

Curry, who for so many years took

such an active and intelligent interest

in the working of our Society; it will

any respect his equal. Immediate

cause, that led to his death, was a

Look at Pettsigrove, after a painful illness, ment.

Fredericton, and would urge upon

to contain information on farm

Legislative Halls.

material to apply by sewing on clover prayer of every loyal heart, that suc-

ground surface, the leaf does in the nual Meeting, the gentleman who by

more, but by care he can fertilize piration of his term of office, taken his

could soon be brought up to a higher sense, illustrate how strong a hold he

state of fertility. Our farmers loose and his amiable wife, the Countess of

they keep their barnyards exposed to our people, we trust that they may

stroys the fertilizing properties of and prosperity, and we feel assured

liament? Is it because the farming in- Princess Louise, daughter of our be-

terest are of so little importance, loved Queen, who comes to our shores

quired. The intellect must be culti- importance and wealth, under their

each other in your clubs or societies, bers of the society our thanks for their

vated, advantage must be taken of the gentle rule, and may they find

is the only one that has been "caught although it may "hang to the mast.

About the time we presented to you

Statesman war was happily averted

address you, our countrymen, are en-

shattered wreck, will never float over

eral of this Dominion, has at the ex-

Dufferin had taken of the affections of

that should Lord Dufferin be again

Dominion, thousands of our fellow

as the wife of our newly appointed

and may our Dominion increase in

upon all, this fifty ninth anniversary

each member to become an active

remain outside of the society, and who

might, and ought to be enrolled as

bership to one hundred at least, "With

a long pull, and a strong pull and a

pull all together this can be done; we

in the hope, that on the presentation

of our next Annual Report, should

God spare us until that time, that we

shall have the satisfaction of record-

ship and consequently to the useful-

By a unanimous vote the report was

The Audit Committee reported that

they had carefully examined the ac-

panied by vouchers, and strictly cor-

adopted, and ordered to be placed

J. S. MAGEE, Secretary.

selves, your obedient servants.

with the records of the society.

are willing to do our share.

Before concluding we desire to place ness of our society, we subscribe our-

Committee of Management he was Department for Agriculture, that ten

associated so many years. And dollars be added to the usual five per

new lustre to his name.

start upon an old farm, than upon a Son of Man cometh."

many others, the further believe that go to work scientifically, and make warning to us all, and in solemn tones

new one with all the difficulties and

ANDREW ARCHER, Editor

FREDERICTON, N. B., DECEMBER 7, 1878.

NO. 35.

The farmers of the Bay Side, are nature's plan, even as shown in the He like Mr. Curry took an interest

be seen that it enriches the soil. That several years a member of the Com- year, viz :plan is every year to return to the mittee of Management, but being of a ROBERT STEVENSON, Esq., President, soil something in the shape of ferti- quiet manner, did not so actively en- ALEX. T. PAUL and JAMES RUSSELL, lizers, and thus keep gaining a little gage in the work as did Mr. Curry. Esqus., Vice-Presidents. district surpass in flavor, and other every season. Will it pay to continue It is seldom that we have to record John S. Magee, Esq., Secretary-Treas. the present style of exhausting hus- the death of two of our members in

Committee of Management.-George S. Grimmer, Esq., and Messrs. Wm Rollins, John McFarlane, Geo. Mowatt, James McFarlane, Thomas Finlay, farms more productive." The Rev. saith to us, "Be ye also ready; for John Mowatt, J. & M. Emery and

Renovating Worn Soils.

We copy a letter from a correspondent of the Country Gentleman on the ture of Indian meal, barley meal subject upon which the Secretary of the Charlotte Co. Agricultural Society touches in his Report, which we publish in another column. The letter was written in answer to an enquiry touching the speediest, practicable and cheapest mode of recuper-

ating worn out land, with red clover :-

Red clover, lime and gypsum are work neatly and without cruelty. by far the cheapest fertilizers within After having been fed in this manner in England, and a practical farmer in which would have led to mortal com- our reach, It is not so essential that for a few times, the birds become disputed question Petermann, in a coat of green clover be plowed under very tractable, and rather seem to legium, manured oats in pots in early or mid-summer as some imagenjoy the operation. The time resoluble and reverted phosphate, reason that you only turn water under like any other crop, actually seemed nation, that he had brought peace, wind. The office of clover is to shade tion. to increase the fertility of the soil, in- with honor, and the world hoped for the ground; protect it from a burning stead of decreasing it. Its long, tap its continuance; but even while we sun, washing rains and wind. In so stant process of creation is protected gaged in battle, in the dreadful passes and retained. It is to vegetable life and brings them up on the surface of the Afghanistan in India, pouring out therein lies the marvelous effect a dense, heavy coat of clover has on is supposed that all leaves absorb has braved "a thousand years the stems, or blades, which some suppose

until the last day before plowing for the corn crop which should follow. If in June it is cut off for hay it fields, and increases the yield in a cess will crown their efforts, and that soon rallies and affords shelter, and should not be pastured, if the aim is Since last we met together in An- to get the soil in good heart for a crop. The ensuing summer, if it is desired to sew wheat, plow it down a visitor noticed. atmosphere. A farmer with a hundred favor of our Queen, held the high and few weeks before seeding time, and acres of land can keep enough stock honourable position of Governor Gen- that is the time to scatter the lime over the plowed ground, having decompose, to prepare it for food for that we can say, can in any adequate clover seed per acre on the wheat in animal was correct. "Why, yes, of Its use lies in fixing the ammonia, re-

long be spared in honer, happiness acid gas from the air. Gypsum is in after all, this plan, in a modified form. We would urge upon farmers the called upon to serve Her Majisty, he manures, such as 100 bushels of lime per acre, a peck of clover seed and gypsum, will, in every instance, bring To-night, in another part of our land if it is not too wet or undrainthat farmers send so few from their countrymen, are engaged in giving a right loyal Canadian welcome to the crop, whereas land restored by the use it the whole superstruction of society Governor General, the Marquis of up land to a highly productive standmeans of education placed within our Canadian hearts and homes, a full trifling cost of the gypsum is usually more per cwt. than if it was heavier. we consulted an old, careful liveryproduced on the land by the labors of Pig pork is the best, and the pre- stable keeper, who had many horses, reach by the Common Schools of the equivalent for those they left behind. the farmer and family. Hundreds of ference for it in the markets is well from dilapidation and ruin. It is an stored to paying fertility, and by such cultivation of that bearing with each

> society together, and earnestly request have it sown on the first grain crop

and is good for full crops. One great error is often fallen into. and that is following the old tradition member do the same? Indulging that a bushel of clover seed will do when it was new, but whoever aims at other green food in winter. It is getting up his land in a speedy and profitable way, should sow a bushel on four acres, so that his land may be thoroughly shaded,

Artificial Fattening.

A correspondent of the Country Gentleman has the following interesting observations on the artificial fat-

has for a long time occupied the attention of poultrymen in this country, but while nearly every known natural paid to the use of artificial means, for

the continent of Europe, the fattening collect- of poultry has for years been made a the interest of our Society, with whose ing statistics for his returns to the study, until it has been reduced almost to a science. Nature is assisted in away, and eider sells at \$1.50 a barrel John Parke, not less than forty bush- ten times that amout to the value of a ner work whenever it is practicable, and is hard to get rid of at that price. els of grain to the acre, with a luxu- farm, and comfort and self-respect and many curious and ingenious in- A resident of Rumney recently sold riant growth of straw. From these gained through the outlay for these secondly the death of the late Benjamin cent. allowed for charges of manage- struments for feeding the birds, have forty bushels of apples at two cents and many similar cases the inference and from their possession are worth been invented. Probably one of the per bushel,

The following gentlemen were most simple, as well as the most fence corners of the farm, and it will in the success of our Society, was for elected office bearers for the ensuing effectual of these machines, is now in successful operation in the poultry establishment of a gentleman near Paris. It is constructed in the form of a small rubber pipe about four feet in length, one end of which is attached to a little pump, while the other i placed in a vessel holding the food, which is in a liquid form. The fowls are put in a large cage or coop, which is separated into compartments hold ing only one bird each, room enough being allowed for a very little exercise. It is ascertained by experiment, just how much food each fowl can marked on the coop under each division. The food, consisting of a mixmilk and water, is put into the machine, which is rolled up in front of the insoluble compound: some agri- existence, from which can be made the nests by means of a light truck and the operator, opening the bird's pumps the fluid into the crop, a small faucet being turned when the sufficisixty fowls an hour, and perform the

above, is from fifteen to twenty days, its effect as a grain crop. Clover, un- turn to England, to announce to the and lay bare the soil to rain, sun and according to age and previous condi- In the following year, 1877, he con-There has always been more or less wheat obtained similar results; with difference of opinion with regard to whether or not fowls artificially fat tened are in a healthy condition, and do not pretend to claim they are, as I deau, of the Experiment Station as have not yet fully satisfied myself with reference to that question. How ever, according to the experience of

those who have employed referred to killed and properly prepared for the table, will bear the in spection of the most fastidious epicure.

When to Kill Pigs.

A story is told about a man who had a hog of peculiar color, which a

Several years later, the visitor returned and saw the same hog which he remembered by its peculiar mark-He asked with some curiosity whether departure from our shores. Nothing the wheat plant. Then sow a peck of his guess as to the identity of the April following. In May or early course, replied the farmer, that is the June the gypsum is usually sown when hog which we keep to eat up the swill three pecks to the acre being enough. our swill if we killed him." I had a phosphate exists in the product in the female is a ewe, or grimmer lamb hearty laugh at the idea of keeping a form of reverted instead of soluble taining it, and attracting the carbonic hog for the sake of feeding it; but no sense food for plants, but is highly is too largely practiced all over the useful in concentrating other elements. country. Wherever a hog is kept together in one series of analytical Such a rotation with inexpensive twelve months, to make the weight it operations .- Prof. G. C. Caldwell in tricts, ewes that are barren or have should in six or eight months, the fact New York Tribune. shows that much of its food has been wasted. All the food required to CUT OR GROUND HAY .- In some places hay is cut into inch and half inch pieces and then ground, for the less expensive than by the use of profit from feeding comes from the phosphates, gus no, or other mineral surplus beyond what is needed to keep purpose of feeding cattle, horses, &c., study during the winter months, as preparations, which are only within the animal from falling away. It is the reach of wealthy amateur farmers possible with some breeds, to feed and require renewed applications each heavily and profitably, till the hog is fifteen or eighteen months old, but it doubted this theory, for the reason of lime and clover does not require is rarely done. As a rule, the best that hay fed in the usual manner Lorne. Right welcome are they both, lime again for many years. This line results come from feeding pigs all they performed all the offices of nutrition, of treatment has never failed to bring | will eat till they are six or eight months old. At this age, they should ard, and is not attended with much weigh 175 to 250 pounds, and if sold

Sows for breeding may profitably accepted truism that as long as "clover be kept later. Pigs from old sows are various supplies for his stock. nation came,—as periodically they learn to express your ideas without out which, any efforts made by us, will catch," the farm can soon be re- stronger, and they generally bring said there was nothing gained in feedrotation is even getting more produc- compatible with fattening pigs early years of such treatment the land will sow can easily have two litters of pigs price demanded for it. Also that cut bear harder farming; that is, two or a year, one in spring and one in fall. hay was a loss to the extent of the others faults, which has in the past three crops may succeed a good coat Beginning to fatten these as soon as labor, which was by no means a trifle, years, done so much to keep our of clover before laying down to clover they are old enough to wean, they the summer, beef, mutton or chicken by the use of the large (some call it should, as far as possible, take the English) clover. Nothing else so place of pork, salt or fresh, at the a great many farmers and others who effectually rots out stumps and kills farmer's table. By having two litters and moistened. He said he usually weeds and sprouts, and prepares the of pigs per year, and fattening and and for the plow and good paying killing the pigs as needed, more pork Wild new lands should always can be made from the food consumed, the farmer's family will live better they were greatly relished. It saves a vast amount of through the year, and on an average horses were in the best of health, the ground and clears it of enemies to at higher prices, than by the present the plow, that it works like old ground methods. The sow for breeding should be a large framed animal, with good digestion, and healthy. If kept breeding pretty closely, she will bear heavy enough to clover the land partially in clover in summer, and roots or

> Grade pigs grow faster and fatten the surplus will usually sell at a good profit. In fact with a large litter will get. That a part is more than the whole, is a paradox often proved true in feeding stock, and is never St. Croix Agricultural Society's Fair, carried, that as a recognition of the the purpose of bringing about easier the remainder weigh nearly as much as the whole would have done with In France, and some other countries the same amount of feed. -Ex.

Soluble and Reverted Phosphate.

It is known that phosphate of lime may occur in three forms in our com-As it is thus more readily taken up Gentleman, writes:comfortably digest, and the amount is by certain solvents it is presumed to be more soluble in the soil water from which the plants draw their food, and to be, therefore, more valuable than cultural chemists rate its value at fine butter and in large quantities, is about one fourth less than that of the soluble phosphate; others have considered the two as equally valuable, ent quantity has been introduced. A while still others have looked upon facturing more bad butter than any skillful operator will thus feed about the reverted as worth no more than other State in the Union, and to illusthe insoluble phosphate.

soluble and reverted phosphate, and Indianapolis at from 4 to 15 cents per obtained the same yield with both. tinued the experiments, and with appreciated, and sells at advanced peas a little better crop, even, was obtained with the reverted phosphate. Petermann informs us that Gran-Nancy, has performed some field experiments on the large scale with the two phosphates on potatoes, rye, rape, the fowls seldom die from disease, are wheat, mangold, barley, and maize; on an average very healthy, and when in four trials with each kind of plant the yield was in most cases nearly the same with the two fertilizers, and where there was a difference it was but slight, and sometimes in favor of the one and again in favor of the

In order to throw some light on the

These results, if confirmed by further experiments, will have an imof superphosphate and on the methods that is converted into more soluble forms by the action of the sulphuric phosphate, and in the chemical analysis both phosphates can be estimated

trition of the food. We always as it was perfectly digested, and there was nothing more to be attained. outlay of cash. Everything but the then, the pork will usually bring But, in order to sustain our theory, and who, in a long series of years studied the profit and loss in the Good hay-and none other should be fed-is eaten up clean where not too much is given at a time. Oats should be fed whole, mixed with a little bran couple of ears of corn in the cob, and having lost but two by disease in

thirty-years .- Germantown Telegraph

EFFECT OF SALT ON WHEAT .- In an interesting series of experiments recently made on the farm of the Royal Agricultural Society of England. the manurial value of salt was unmistak. more important that the boar should ably indicated. An acre of wheat dressed with three hundred pounds of table buildings, a neatly-kept garden, salt yielded thirty nine bushels of road way or entrance way, gates well full blood. For quick fattening the grain, with a proportionate amount hung, fences well kept, shade trees, boar should be of a smaller breed of straw, while an adjoining acre, ornamental shrubbery, paint without than the mother. If more pigs are left unmanured, produced only twenty and whitewash within-all these are nine bushels per acre, with the straw worth more to the farmer in money imperfectly developed. The entire value than a few hundred dollars careit is always best to sell one, two, or cost of the crop is not stated, but this fully scraped together and jealously three, as the remaining pigs will do experiment shows that the additional hoarded and leaned to needy neigh-"The fattening of fowls for market enough better for the extra feed they ten bushels resulting from the salt bors at interest. No investment pays were produced at a cost of thirty so well as money judiciously spent in cents each. In another case a piece farm improvements. Draining wet process for making the birds take on more applicable than in growing and of ground intended for wheat was land will pay fifty to one hundred per fattening a litter of pigs. Very often ploughed the proceeding fall, and cent. on its cost every year; good a farmer can kill one or two fat pigs again in May, when it was sowed before seeding. On the 1st and 2nd a gate will save its cost in a short At Oxford, N. H., apples are so ab- crop when harvested, yielded, accord- a neat lawn, orchard and shade trees undant that farmers are giving them ing to the estimate of the owner; Mr. which need not cost \$100, have added seems to be that salt is a specific.

ROOK AND JOB PRINTING

of all description

EXECUTED ON MODERATE TERM

The number of weeks an advertisement to be inserted should be clearly stated. When this is not done it will be countinued until ordered out, and charged the full time it has

A Good Word for the Jerseys.

The testimony regarding "Jerseys" is rather conflicting. We lately quoted mon phosphatic manures; one insolu- the opinion of Mr. J. B. Wallace, in ble in water, another soluble, and a favor of the Guernseys as a larger and third standing between the others, hardier breed, of the same fine milk being insoluble in pure water, but, producing raet. The Jersey cow is unlike the insoluble phosphate, soluble not a poor man's cow or will it thrive in a solution of ammonium citrate; on poor pasture and rough usage, the last is what is known as the re- but it is, no doubt a most excellent verted phosphate, or, as it is some- animal in the proper hands. An Indiatimes called, precipitated phosphate. uapolis correspondent of the Country

> choice Jersey cattle is on the steady increase all over the country. Breed. ers and dairymen are waking up to the realization that the only cow in the Channel Island cow, and they are being introduced as grades thoroughbreds wherever practicable. Indiana has the reputation of manutrate the superiority of Jersey butter. Beech Grove Farm disposes of from 150 to 200 pounds weekely at 40 cents per pound (yearly price), while the pound and the very best dairy butter rarely sells for more than 25 cents. Wherever Jersey butter is known it is

"The inquiry and demand for

## Sheep Nomenclature.

rates, as it deserves.

Sheep breeders in England apply to their sheep, a number of terms not used, and little known on this side of the water. The New York Sun gives the following explanation of these

For instance, the male is called a ram, as here, also a tup. While with his mother, he is called a tup or ram lamb, a heeder, and in some parts of the west of England a pur lamb. From the time of weaning until he is shorn. he has a variety of names, being called a hog, a hogget, a hoggerel, a lamb hog, a tup hog, or teg, and, if castrated a wether hog. After shearing, when portant bearing on the manufacture probably a year and a half old, he is called a shearing, a shearling, a shear hog, a diamond or dinmont ram, or for their chemical examination. It tud, and a shearling wether when caswill be a matter of no concern whether trated. After the second shearing, he much or little of the phosphoric acid is a two-shear ram, or tup, or wether. In the north of England and Scotland. he is a tup lamb until shorn, and then a tup hog, and after that a tup, or, if castrated, a dinmont or wedder. The until weaned, and then a grimmer, and sometimes a theave, a doubletoothed ewe, or teg, and afterward a two-shear, three-shear, a four-shear theave. In some of the northern disweaned their lambs are called eild or

THE SEASON FOR EDUCATION .- Every farmer should possess a few books on the art of agriculture, for reading and in the belief of its adding to the nu- we know that it pays well to seek hints from the experience of other workers in the same field. The farmer, who knews the whys and wherefores of his success, is better fitted for securing success in the future. Now, the principles of agriculture are ever correct, and are continually finding application in practice, and therefore each farmer should know what they are, and how their application can influence the crops. Then, there are a class of books telling of the how to do. Such, each farmer should possess, and read and study, for it action, which shall result in saving or making money. The winter season should be the season for educating the man into thought, preparatory for action. The summer season should nean the application of thought, gained both from self-experience and outside-experience, to the soil and the crops. The whole year should furnish time for developing the powers of the mind, which is to control nature towards working out the desire of the man. Now, farmers, don't be afraid of printer's ink, but patronize it, only using judgment derived from experience, in interpreting what is impressed upon paper.

WELL-KEPT FARMS .- A well ordered farm, well chosen stock, comformore than the cost .- New York Times