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THE HALIFAX BONE MILL.

It gives some satisfaction to learn that an efficient Bone Mill has at last been established in the vicinity of Halifax. The attempts of the Agricultural Board to establish a Mill last year were attended by a singular series of accidents, which concluded at last by the total destruction by fire of the whole of Mr. Stanford's premises, on which the Mill had been erected.

Mr. Stanford, although a heavy loser by the fire, felt that our farmers looked to him for a supply of Bones. Unwilling to disappoint their hopes, and desirous of carrying out, to the fullest extent, his engagement with the Board of Agriculture, he has re-erected the Mill, and put the whole machinery into efficient order, and now we are informed that daily supplies of Bones are leaving his premises to spread fertility over our hungry lands.

Farmers at a distance from the city will find Bone Dust not only the most efficient, but likewise the cheapest manure they can obtain, on account of its being so easily handled and conveyed long distances at small cost.

WHEAT CULTURE IN NOVA-SCOTIA.

We have had a remarkably severe winter, and the springtime has been a cold, wet, backward season. Our farmers all hope that they may never see its like again. Early in April, however, a good deal of wheat was sown on fall-ploughed land. More wheat has been sown this season than for many years. The Board of Agriculture has distributed at cost price, 360 bushels of the finest Fife wheat that could be obtained in Western Canada. Last year a large quantity was distributed all over the country in the same way. It turned out so well that nearly all of it was kept for seed. In addition to these sources of extra seed, we know that several merchants imported seed wheat this season, and that the demands upon the Board of Agriculture were far from being met by the supply on hand. It is evident from all this, that a decided attempt is being made to regain our lost ground as a wheat-growing country.

A WORD IN SEASON.

Halifax, May 20, 1868.

Throughout the whole of British America and the Northern States, the past winter has been remarkable for its severity. In Ontario, the thermometer stood "for weeks together" at zero, and we are told that people got so hopelessly tired of the cold that they began to fear the weather would never get warm again. In Nova Scotia our thermometer readings were probably not so low, but the weather was very trying from frequent winds, which serves so effectually to increase the effects of cold.

The spring has been backward, and it was not till about a week ago that the grass could be said to be green. In fact, in some parts of the country, we are told the fields are still brown,—the young grass not having yet covered the dead stubble of last year. There is no doubt but that grass and clover have suffered to some extent by the severe weather. But we have already had a good deal of rain, which, at any time during the growing season, is always good for grass.

The spring operations of the farmer have not been much retarded. Some ploughing was done early in April; but

frost again hardened the surface. Yet, there was a good opportunity for getting out manure upon the fields and making every preparation for spring work. We hear from Cumberland that there is great activity at this moment in ploughing and seeding, and we doubt not but that it is the same in all our good agricultural districts.

And why should there not be greater activity this spring than there ever has been before among the farmers, and gardeners, and fruit-growers of Nova Scotia? A Prize List has been issued, calling them all to assemble at the Grand Tournament in October, and it will not be creditable to any farmer or gardener or fruit grower to repair thither empty handed. We trust that every man in the country who has an acre of land, or a tenth part of an acre, or even a flower box in his window, will strive to show a sample of what he can grow.

We do not at present make any special appeal to our Stock Raisers and Manufacturers, but we do make a very special appeal to those who intend to compete for prizes for "Grain and Field Seeds," for "Roots and Vegetables," for "Fruits," and for "Plants and Flowers." "The early bird picks up the worm," and in this climate, where our season is short, the early farmer outwits the grub.

Prize-taking is, in other countries, a kind of profession; there are prize farmers and prize gardeners just as there are prize pigs and prize peacocks,—men who consider it a part of their business to take so many prizes every year. The preparation is thoroughly systematic and the competition keen. In Nova Scotia we have not arrived at that stage. Our farmers have not had much encouragement to go into special kinds of stock or produce raising with a view to outrun all their fellows. They are apt, therefore, to suppose that all they have to do this year is to sow their seeds in the usual way, and if they chance to find a forty pound turnip, or a hundred-weight squash, or a three feet carrot, in a corner of the field, they have only to take the monstrosity to Halifax to win the prize. Alas! alas! All these monstrosities will be looked well after this season, and every one that is worth bringing will no doubt be brought.

But Prizes are not to be won in that slovenly way. The farmer who is to succeed must work for success throughout the whole season, and if he does succeed he has his reward; should he not succeed, he will feel that he *deserved* success, which is far better than if he had attained it without effort.

In the first place, there is a careful preparation of the ground for the seed; secondly, a careful selection of seed of good varieties, and fortunately our seed stores have made large importations;

thirdly, there is careful cultivation and weeding to be attended to throughout the whole season; and lastly, there is the judicious selection of the articles, and the cleaning and preparing of them so as to show to advantage on the Exhibition table. These remarks apply particularly to grains, roots, vegetables, fruits and flowers.

It will be observed on reference to the Prize List that considerable quantities are required. Thus the first prize for wheat (\$25) requires five bushels, and other grains in somewhat less proportion. Indian corn 24 ears. Turnip seed 20 lb. Flax seed, half a bushel, and so on. In potatoes, turnips and other roots, from a bushel to half a bushel is required in most cases, and in no case less than a dozen roots. Apples are required in dozens or more, Grapes cannot be shown in fewer than 3 bunches, Dahlias in twelves and sixes, and so on.

We throw out these hints at this seasonable time, lest some intending competitors may be too busy with their sowing to refer to the Prize List itself.

Nova Scotia expects every man to do his duty, and she expects that the *Farmers* will this time come to the front.

THE MULE.

(From the American Stock Journal.)

The Mule is the hybrid produced by the ass with the mare. How early this animal was bred is uncertain, but we know he was in high repute in the reign of David, nearly 5000 years ago; for he was rode by Absalom, the favorite Prince of Israel, on the field of battle. They have been bred in various parts of the East, on the borders of the Mediterranean, and throughout Spain, Portugal, and other countries, for centuries. They are frequently used in these countries by the grandees, and nobles, and even by royalty itself. When finely bred and trained, they are highly valued as a carriage team by Eastern Monarchs and Rulers. Mule breeding in the United States, was commenced in the New England States, soon after the close of the American Revolution. They were bred as an article of commerce. They were at first shipped almost exclusively to the West Indies; afterwards they were sent to the Southern States for employment on plantations, being better adapted to work in the hotter climates than horses, also better suited for the negroes to work with. In many instances they are indifferently fed, worked hard, and much abused and neglected by their drivers, yet they sustain themselves for years, in defiance of usage that would annihilate two generations of horses; their powers of endurance and their style and action have been greatly improved by the introduction of some of the best Maltese

and Spanish Jacks, and the use of large blood mares. The propriety of this course is seen in the value of the product, for while some mules bred from the Jacks and mares just mentioned sell for \$600 and \$800 a pair, others from inferior Jacks and Mares, will bring but from \$250 to 300 per pair, reared under the same circumstances of keep and condition.

The rearing of Mules is similar to that of Colts. They will repay generous keep and attention, by their increased and rapid growth. But they should not be highly fed, nor pampered, as it would tend to produce disease, and form habits of fastidiousness, which would lessen their economical feeding in after life. The Mule is not subject to many diseases. And the few he may contract require the same treatment as they would in the horse. The breeding from Mules is a mooted question. Mr. Kilby of Virginia states that a Mare Mule brought two Colts from a young horse which they closely resembled, neither of them lived until they were a year old. Successful propagation of this hybrid, however, beyond the first cross seems to be incompatible with the first laws of nature. The longevity of a Mule is so proverbial that a purchaser seldom inquires his age. Pliny mentions one 80 years old, and Dr. Rees two in England that reached the age of 70 years. I've seen them at the age of forty, performing as much work as a horse of 10 years of age. They consume less food than a horse, take less shoeing, are truer and steadier to pull. More easily broken to work, not so apt to kick or run away. I think that for general purposes on the farm and in the team, the Mule is to be preferred to the horse. But for riding, or a carriage team the horse is certainly the best.

UNCLE TOBY TONER.

RETROSPECTIVE OUTLINE OF THE ACTION OF ARTIFICIAL MANURES.

The general effects of artificial manures will be best understood by bearing in mind the connection between the principal constituents of manures (which for simplicity we may here regard as phosphoric acid and nitrogen), and cultivated produce. Thus the albuminous compounds of plants, or the flesh forming principles of food, all contain nitrogen as their characteristic constituent, as well as smaller quantities of phosphorus (derived from phosphoric acid) in combination with the commoner organic elements—carbon, hydrogen, and oxygen. Again, phosphoric acid combined with bases, especially lime, forms a considerable proportion of the ash or mineral portion of all kinds of agricultural produce.

The constant removal of phosphoric acid and nitrogen from the soil by these means, especially the former, of course

tends to lessen their amount, which even in the best of soils is but small; hence the necessity of replacing them by means of nitrogenous and phosphatic manures. But by means of these manures we are enabled not only to replace what has been removed, but by adding more, to increase their proportion; thus gaining a higher standard of fertility from which more productive crops may be calculated on.

The indirect effects of these elements of fertility are no less important; thus we may regard nitrogen as a key by which the natural stores of potash, &c., in the undecomposed minerals of the soil, are unlocked and made available; while by using phosphatic manures for our green crops, we are enabled to gain supplies of nitrogen from atmospheric sources; for which reason phosphatic manures must be considered as the more generally important.

Phosphoric acid, and to a less extent nitrogen, may thus be regarded as the more choice description of plant food, which the cultivator of the soil has to purchase to feed his crops, so to speak, in order that they may proceed vigorously with their work of organizing or building up the more abundant elements of food, everywhere present in the atmosphere and water. For we should not forget that by far the greater part of all food, whether of man or animals, is thus beneficently prepared from air and water through the instrumentality of plants, and upon which we are entirely dependant, since no chemistry of our own can produce even a blade of grass; although, to quote the old saying, 'it can make two blades grow where one grew before.'

PHOSPHATIC MANURES.

The universal efficacy of superphosphate, and the manures supplied under other names in which it is the basis, is sufficiently well known and explained by the facts we have just briefly noticed. Its value for the root crop especially, upon which in the present system of agriculture so much depends, can scarcely be overrated, and the means it affords of increasing our stores of available nitrogen, by the green crops, as just pointed out, furnishes a resource which is yet hardly appreciated by the majority of practical men.

The advancement made of late years in the production of superphosphate and other phosphatic manures, consists more especially in an extension of the application of mineral phosphates to their manufacture. The principal advantages so gained may be thus enumerated:—

1. The production of manures with a much higher proportion of soluble or available phosphate of lime than could be made from bone dust.

2. The preparation of rarer, more uniform and pulverulent manures—or a superior 'mechanical condition,' which

adds materially, as we shall presently perceive, to their practical value.

3. The more economical and advantageous employment of bone-dust by using it in conjunction with these mineral phosphates; the latter for giving the soluble phosphates, while the bones furnish a valuable insoluble phosphate and also some nitrogen; many of the best bone manures now in use are of this description.

4. A considerable reduction in the cost of manures so prepared.

5. The production of manures, or the conversion to a manageable condition in less time than formerly.

In preparing superphosphate from the mineral phosphates, it is the object of the manufacturer to reduce the greatest possible quantity of the phosphate of lime present to the soluble condition, since that which is left undecomposed is assumed to be of no value as manure, and is generally left out of consideration in judging of the value of such manures. All technical details of the processes which have for their object the attainment of this end with the greatest economy of acid, &c., would obviously be out of place in a book of this character, but I shall be happy to supply such information on application, free of cost, or on other topics connected with agricultural chemistry.—*Sibson's Report.*

THE use of Superphosphate of Lime is greatly increasing in England. The manufactories of artificial manures are very numerous, and at one establishment alone, the enormous quantity of forty thousand tons of superphosphate is made and sold in one season.—*Ed. A. J.*

PRESENT CONDITION OF WINTER WHEAT.

Elsewhere in this No. will be found a few remarks on the Extension of the Cultivation of Spring Wheat in Nova Scotia. In reference to Winter Wheat there is a different tale to tell. News from various parts of the Province indicate that the Winter Wheat, which looked so well in the fall, and seemed to resist the severe cold of winter, became killed when exposed on the bare ground to the cold winds of March. In some cases the Winter Wheat has been ploughed up and Spring Grain sown in its place.

The results of this season may discourage some of our farmers from trying again to raise Winter Wheat; but we hope that it will be kept in view that the failure of a crop of Winter Wheat now and again does not at all militate against the suitability of our climate for Spring Wheat, which is now receiving increased attention.

In a letter from Hon. Alex. McFarlane, he mentions that notwithstanding the severe winter, the grass in Cumberland does not seem to have suffered.

THE HORSE "MELBOURNE."

This fine animal, imported from England some years ago by William Cunard, Esq., and now the property of the Board of Agriculture, will stand for the season at Halifax, Windsor, Truro and Pictou.

We give below the dates of attendance at each place, so far as arranged:

Windsor.....	18th to 25th May.
Halifax, Lavers' Stables... 25th and 26th "	
Truro.....	27th and 28th "
Pictou.....	29th to 1st June.
Truro.....	1st and 2nd "
Halifax.....	3rd and 4th "
Windsor.....	5th to 8th "
Halifax.....	9th and 10th "
Truro.....	11th and 12th "
Pictou.....	13th to 16th "
Truro.....	17th and 18th "
Halifax.....	19th and 20th "
Windsor.....	20th to 24th "
Halifax.....	25th and 26th "
Truro.....	27th to 29th "
Pictou.....	29th to 3rd July.
Truro.....	4th to 6th "
Halifax.....	6th to 9th "

And will attend also at New Glasgow, and remain at Windsor after 9th July.

Reports of Agri. Societies.

PARADISE AGRICULTURAL SOC'Y.

In submitting my annual report of the above named Society, I beg to say, that the Society is advancing favourably, and our prospects for the future are encouraging.

Our regular meetings during the year have been well attended, and all subjects having reference to the improvement of stock or agriculture have been energetically discussed, and much information given.

The Society held an exhibition on the 19th October. The show of stock and fruit was good; but I regret to say, it being decided by a majority of the members that no prizes should be given, there was not that interest taken that was expected.

The Ayrshire bull purchased last year at the sale at Richmond, has improved much, and is considered a fine animal.

In consequence of reducing the annual dues from two dollars to one dollar, the Society was not in fund to make purchases this year at the sales at Richmond.

I have to inform you that I received a Circular from the Secretary of the Central Board of Agriculture, relative to the proposed Exhibition to be held in Halifax, in October, 1868. A special meeting was called by your order, for the purpose of considering the same, and the sum of \$20 was granted towards said exhibition, —to be deducted from this year's grant.

In reference to the crops, I have to report: Hay, abundant. Fruit, very fine,

but only an average crop. Wheat, where sown, good. Rye, good. Barley, average. Corn, excellent. Oats, good. Potatoes, light. Turnips, light. Garden Vegetables, good.

The following are the officers for the present year:—*Pres.*, Israel Longley; *Vice-Pres.*, Harding Morse, Jos. Elliot; *Sec'y*, W. C. Starratt; *Treas.*, Stewart Leonard; *Directors*, William R. Dodge, Edw. Bent, Obediah Troop, Silas Jackson, Wm. L. Leonard.

WEST CORNWALLIS AGRICULTURAL SOCIETY.

The officers of this Society, in making their report, are happy to state that the affairs of the Society are in a prosperous condition. Many persons that heretofore stood aloof from the Society, by seeing the improvements made in stock by members, are asking admittance, and no doubt there will be a considerable increase in membership. This Society has from time to time met with considerable loss in stock that was purchased for the use of the Society, but they have always supplied their place by other animals to suit the wants of members.

The stock of cattle and sheep have improved very much within a few years, and farmers generally are taking more pains to keep such animals that will be a credit to their farms.

The hay in this locality was an abundant crop and mostly secured in good order, notwithstanding the wetness of the season. Wheat was but little sown, and as usual almost a failure, with the exception of that sown in autumn, which gave a fair return. Rye, barley, oats and buckwheat were of an average crop. Indian corn was a good crop. Potatoes a light crop, owing to the blight striking early, but sound. Fruit below an average crop. Turnips, beets, carrots and other roots was an average crop.

This Society now numbers fifty-four members.

To balance for 1866.....	\$ 2.27
Keeping two Bulls through winter.....	32.00
Two Bulls bought in April, 1867, including expenses.....	120.00
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	\$154.27

Received from members.....	\$54.00
Provincial Grant for 1866.....	68.00
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	122.00
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	\$32.27

ELIAS CALKIN, *Sec'y*.

MAHONE BAY AGRI. SOCIETY.

The officers of the Mahone Bay Agricultural Society beg to present the following report on the state of the crops and the Society:—

Hay was something short of last year. Barley, in wet land less than half a crop, in dry land an average crop. Oats some-

thing similar to barley. Winter rye an average crop, the wet weather hurt the quality of it. Potatoes were never a shorter crop—the White Early were more destroyed by the blight than ever known before; some farmers have merely saved the seed. Vegetables a very short crop of every kind.

The Society cannot report much progress as yet. The lambs bought by the President at Richmond are doing well, and will much improve the stock. The bull bought last year is bringing good stock. With the balance in hand the Society intend either to purchase stock or award prizes.

The annual meeting took place the first Tuesday of December, as the law directs, when the following persons were appointed office-bearers for the ensuing year,—*Pres.*, Benjamin Zwicker; *Vice Pres.*, William Kudy; *Sec'y*, George Duncan; *Treas.*, Joseph Zwicker. The following is the account:

Balance on hand from 1865.....	\$17.38
53 members paid in \$1 each.....	53.00
Government Grant received.....	104.00
Amount collected for a bull, besides wintering him.....	7.80
	<hr/>
	\$181.50

Amount of seeds bought.....	\$78.47
Sheep, and expenses to get them....	80.00
Pigs.....	7.50
Other expenses, rents of hall for meeting, animals, &c.....	6.00
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	121.97

Balance on hand.....	\$63.53
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GEORGE DUNCAN, *Sec'y*.

STIRLING AGRICULTURAL SOC'Y.

The Directors of the Stirling Agricultural Society have to report that the annual meeting of our Society was held in Wilsons' Schoolhouse on the first Tuesday in December, when the following officers were appointed for the ensuing year: *President*, Wm. P. Geddes; *Vice President*, David Wilson; *Treasurer*, Wm. Byers; *Sec'y*, Wm. Creighton; *Directors*, Alex. Munroe, A. Warwick, John Johnston, David Chalmers, Alex. Swan.

This Society at their semi-annual meeting agreed to dispose of the rams belonging to the Society with a view of obtaining superior stock, and we are happy to state that we have obtained two rams of the imported stock, recently sold at Richmond, one a Canadian Leicester and the other a South Down, at a cost of \$19 each, both being considered good animals; therefore we expect a change for the better in this branch of industry.

Wheat, an average crop, good quality with heavy straw. Oats, a fair crop, good quality, heavy straw. Barley, a fair crop, but not raised to any extent. Buckwheat, only about half a crop, generally cultivated. Potatoes, a very light crop, with complaint of rot in cellars. Tur-

nips, an uncertain crop, not raised to any extent by our farmers. Hay, good crop rather above an average.

The amount of receipts for the year has been:—

Amount from last year.....	\$6.50
Provincial Grant (balance).....	15.00
Members Subscription.....	57.00
Rams sold.....	20.23
Duo from members.....	1.50
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	\$96.23

EXPENDITURE.

Interest on money borrowed.....	\$4.00
Agricultural Journals.....	4.50
Sec'y's salary, postage & stationery.....	6.74
Incidental expenses.....	5.50
Notices for Fair.....	1.50
Expenses of rams (Richmond).....	10.20
Deduction on clover seed.....	17.00
Loss on boar.....	3.50
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	\$50.95

Balance.....	\$43.77
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WM. P. GEDDES, *President*.
WM. CREIGHTON, *Sec'y*.

WEYMOUTH AGRICULTURAL SOC'Y.

I have to report, for the information of the Board of Agriculture, that the annual meeting of our Society was held at Temperance Hall on the first Tuesday of December, when the Officers and Directors gave in the report of the proceedings of the Society for the past year. The same having been approved of by the meeting, they proceeded to the election of officers for the ensuing year:—*Pres.*, William Dahlgreen; *Vice Pres.*, John S. Jones; *Sec'y*, Frederick Sorenson; *Treas.*, Sterns Jones; *Directors*, A. D. Hoyt, Thomas McBride, Jeremiah Dahlgreen, John Hankerson and Stephen Jones.

The following are the accounts for the year:—

	Cr.	
By Cash on hand from last year.....	\$67.86	
" Members fees.....	60.00	
" Cash from E. Brooks.....	60.00	
" Service of Bull out of Society.....	12.00	
" Sale of Bull and Rams.....	46.75	
	<hr/>	
	\$246.61	

	Dr.	
To paid M. Robichau.....	\$17.89	
" Seeds and freight.....	12.75	
" One Devon Bull, and expenses....	47.75	
" Five Rams from Digby Agr. Soc'y.....	49.00	
" Expenses on Rams.....	7.00	
" Provender for Bull.....	11.08	
" Keeping Bull the season.....	23.62	
" Postage.....	0.35	
To Cash on hand.....	77.16	
	<hr/>	
	\$246.61	

In May last it was agreed that, as a bull was required by the Society, Mr. A. D. Hoyt should go to Annapolis Co. to purchase one, provided he could find one that he thought would satisfy the Society, which he did, and purchased a Devon bull for the sum of forty dollars,—which, being a very fine one, we expect our stock will be much improved. We kept him in the Society until the season was over, and sold him to a member of the same. We have now purchased a very fine Ayrshire bull from the Digby Society, to be delivered to us on the first of March; we have also obtained from the same Society four rams of the Lei-

cester, South Down and Cotswold breeds, which they imported the year before from New Brunswick. We had the misfortune of losing our South Down a few days after we got him home, in having his neck broken in a fight with another ram. It was a great loss to our Society, as he was pure blood; he was out of a ewe and ram imported from England by Mr. McMonagle of New Brunswick. We had to replace him by purchasing one of an inferior breed.

As there were four rams we divided the Society into four sections, and the rams were sold in the Society one in each section, subject to the rules of the Society. We also received a small supply of seeds, which were distributed among the members.

We wish to get some of the spring wheat imported by the Board of Agriculture from Ontario, and some good seed barley to sell at cost to members of the Society. Barley is very much sown here, as it is a sure crop,—a change of seed is very much needed. We would also like to get some Hungarian grass and Alsike clover seed to try it.

In reference to the Provincial Exhibition, we are sorry that the funds of the Society are not in a condition to enable us to give more than twenty dollars toward its fund at Halifax. We will do all that we can towards having our County represented at the Exhibition next fall, as we believe that all kinds of grain, and such roots as carrots, turnips, mangel wurtzel and parsnips, can be raised here of a quality equal to any that have ever been produced in the province.

In reference to the crops in this locality we have to report:—Hay, a very heavy crop, heavier than has been known here for years. Wheat, very little sown, but what was sown done well. Oats, extra good. Barley average. Straw was heavy. Buckwheat light, on account of early frost. Turnips, very large crop; a great many raised here by the farmers of late years. Potatoes, none. Fruit, very scarce. Carrots, beet and garden crops very good.

FRED. SORENSON, *Sec'y.*

BOULARDERIE AGRIC. SOCIETY.

The members of the Boularderie Agricultural Society held their annual meeting on the first Tuesday of December, when the Treasurer's accounts were audited and found correct.

The Directors reported that having paid so much for improved stock last year, they had no funds to do much this season; they only purchased \$30 worth of seeds, which was distributed among the members of the Society, and had now \$90 in the Treasurer's hands.

The following Officers and Directors, for the ensuing year, were then elected:

Pres., Angus McKinnon, *Vice Pres.*, Murdoch McLean, *Sec'y.*, Murdoch McDonald; *Treas.*, Donald McLean; *Directors*, Angus Macaulay, Charles Cordiner, Alex. McKenzie, Norman McLean, Hugh Livingston.

Crops.—Our hay was a full average, and housed in excellent condition. Potatoes below average, and of inferior quality. Oats and wheat below average. Turnips and green crops generally good.

M. McDONALD, *Sec'y.*

UPPER LONDONDERRY AGRICULTURAL SOCIETY.

The annual meeting of the Upper Londonderry Agricultural Society was held in Folly Village, on Tuesday the third day of December. The following officers were elected for 1868:—*Pres.*, James Campbell; *Vice-Pres.*, H. M. Urquart; *Sec'y.*, D. F. Layton; *Treas.*, Thomas Faulkner; *Directors*, Joseph C. Crowe, M. P. M. Smith, F. M. Pearson, Thomas Morrison, John Wier.

The following accounts were then presented to the Society, examined and reported correct.

Cr. 1867.	
By balance on hand.....	\$15.84
" amount of stock sold.....	16.50
" amount of subscription 1868....	42.00
" Provincial Fund.....	29.00
	\$102.84
Dr. 1867.	
To Paid for wintering stock.....	\$20.00
" " pasturing do.....	6.00
" " services as secretary.....	7.00
" " ring for bull.....	.90
	30.20
Balance on hand.....	\$72.94
	J. CAMPBELL, <i>Pres.</i> D. F. LAYTON, <i>Sec'y</i>

In reference to the crops we beg to report:—Hay, extra good; Wheat, average but little sown; Oats, light; Barley, light; Buckwheat, half crop; Potatoes, half crop, poor quality; Turnips, below average; Carrots, fair crop; Indian Corn, good, but little planted; Beans, Pumpkins, Squashes, fair yield.

AGRICULTURAL SOCIETY OF NOEL.

The officers and directors of the Fenwick, Noel and Maitland Agricultural Society, held their annual meeting on the 3rd inst. Report of directors was read and adopted:—

1. that the Society highly approve of the object of Agricultural Exhibition to be held at Halifax in 1868, and that \$25 be given out of the Government Grant of next year to this Society.

2. That the Secretary be authorized to order fifty bushels spring Wheat for seed, from the Central Board.

The following officers were elected:—*Pres.*, George Smith; *Vice Pres.*, Alex. Densmore; *Sec'y.*, Robert Faulkner; *Treas.*, Thomas Hunter, *Directors*, A.

M. Cochran, Wm. Ferguson, C. C. Co., Wm. Hunter, F. R. Parker.

Hay, above average; Early Oats, good, late rusted, Barley, medium, Buckwheat, good, Turnips, very good; Potatoes short of average; Garnet Chili, good; Fruit much damaged by gale in August.

FINANCIAL.	
33 members, one dollar each.....	\$53.00
Price of bulls sold.....	48.00
Services of Do.....	21.50
In Treasurer's hands.....	27.00
	\$149.50
Received from Government, and price of..	
sheep.....	60.00
	\$209.50
Dr.	
To 2 Leicester rams.....	\$48.00
" 1 Shropshire Down lamb.....	23.00
" 1 Chester boar pig.....	16.00
" Bringing sheep and pig home.....	5.05
" Keeping do. one month.....	3.50
" Mr. Ferguson's expenses and sale of bull, ..	6.00
" Keeping bulls, present year.....	31.00
" Debts due the Society.....	16.46
	\$148.51
" Mr. Ferguson's time attending sale at	
Richmond.....	8.00
	156.51
In favour of the Society.....	42.99
	ROBERT FAULKNER, <i>Sec'y</i>

MINUDIE AND BARRONSFIELD AGRICULTURAL SOCIETY.

The officers in presenting their report have to state that this Society has now been in existence two years. At its formation it was deemed of more importance to get a good stock of sheep and cattle, than to expend the funds in premiums; and therefore the first expenditure was for a thorough bred Devon bull, Bruno, which was obtained from J. F. Anderson, Esq., of South Windham, Me., at an expense of \$100. Bruno is recorded in the American Herd Book, a record of which was published in this Journal at the time. We have now some 100 calves of his stock, they give general satisfaction, are without exception, of a red colour, and partake of the qualities of the sire in a remarkable degree. - Bruno, is still held by our Society, but we propose to sell him the coming season, and can recommend him to any Society desirous of this breed. As we now stand, our Society is the owner of two bulls, four rams, and two pigs all of improved breed; We purpose sending our Devon bull, Bruno, to the Exhibition if not previously disposed of.

In reference to the crops we would briefly state that oats have not yielded as well as last year. Hay, about a usual crop. Potatoes, almost a total failure. Barley, a light crop. Wheat, none raised in our settlement.

The severe storm in September last caused great damage to our marshes, breaking the dykes and submerging the

marshes, destroying the grain crops and injuring the hay. We have at a heavy expence repaired the dykes, but the lands overflowed will be injured for three or four years.

The Society being yet comparatively young, and no accumulated funds, and another bull to be bought next season, it has been felt that we were not in a position to make so large a contribution to the Exhibition fund at Halifax as we would have wished.

DISBURSEMENTS.

For sundries, stock &c.....\$186.35

RECEIPTS.

Leaving a balance on hand, of.. 207.00
\$21.35

Officers elected for ensuing year are:—
Pres., Robert Mitchell; *Vice-President*, Charles Baker, 1st; *Sec'y.*, John Hunter, *Treas.*, Rufus Seamen; *Directors*, Steph., Clark, E. Rea, John Kirkpatrick, G. Symes, and Paul LeBlanc.

ROBERT MITCHELL, *Pres.*
JOHN HUNTER, *Sec'y.*

HARDWOODLAND AGRICULTURAL SOCIETY.

Agreeably to the terms of the act for the encouragement of agriculture, our Society held its annual meeting on the 3rd of December, when the following report was read and unanimously adopted.

We, the officers of this Society have much pleasure in making this report of our proceedings for the past year, and in doing so would gladly avail ourselves of this opportunity of returning our warmest thanks to the Central Board of Agriculture for the deep interest taken in the importation of improved stock and seed wheat, by which this, and other local Societies can get the best breeds of cattle, sheep, swine and seed wheat at home, which must prove very beneficial to the country.

We need scarcely add, that agreeably to the wishes of this Society, the thoroughbred Durham bull was sold—although at such a price as we fear will do us little credit as managers, as will be seen per account. Yet we did the best that circumstances would admit of, in offering him for sale at Richmond, on the day of the Central Board's sale of cattle, and afterwards at home. Yet we could not effect a sale, even to our own wishes. It is but just to many of you as members of this Society to tender you our thanks for the kind manner in which you volunteered to keep him one fortnight in turn, free of expence through the summer season, therefore saving us a good deal of trouble; as well as saving the funds of the Society for more useful purposes.

As the Central Board of Agriculture now offer for sale a quantity of improved seed wheat imported from Canada, we

hope this meeting will not lose the opportunity of introducing it into this locality, as it will (no doubt,) prove very beneficial to us all.

We are happy to add, that agreeably to the wishes of this Society, we have purchased two rams, which we hope will give you all great satisfaction. The one is a Leicester, from Canada, and the other is a Cotswold from the stock of Mr. Decie, of Cornwallis.

Our accounts for the year are as follows:—

Cr.	
To Balance on hand, from 1866.....	\$ 4.18½
Subscriptions of members.....	41.50
Cash for bull sold.....	24.00
Total.....	\$69.68½
Dr.	
By winter keeping of bull.....	\$42.50
Trip to Halifax, and freight on bull and rams.....	4.15
Keeping bull from 1st Sept until sold..	3.50
Loss of rams.....	26.00
Keeping of do., and carrying from station	1.20
Postage &c.....	.50
	\$77.85
	69.68½
Leaving due.....	\$ 8.16½
To meet, which we have, the Provincial Grant and the ensuing year's subscription.	

The Society was then called upon by the President to appoint their officers for the ensuing year, when the following were unanimously elected:—*Pres.*, Peter Grant; *Treas.*, E. McDonald; *Sec'y.*, James Orr Fraser; *Directors*, William Withrow, Alex. Ferguson, A. McDonald, P. A. Grant.

It was further agreed, that this Society be kept open to the 1st of March for new members to join, and that all subscriptions be paid against that date. It was also agreed that this Society meet once a month for the discussion of agricultural questions during the winter.

The consideration of getting some of the Wheat from Central Board was then taken up, when it was unanimously agreed to get at least, twenty bushels.

In reference to the crops in this locality, we may add that hay is the only heavy crop grown, and that owing to the wetness of the season it was saved with great difficulty, and in some instances not without loss. Potatoes are not half a crop here—the wetness of ground in spring kept the planting back to a very late season, and the blight struck them very early, and constant wet weather caused a great many of them to rot altogether. Wheat is also a very small crop and of poor quality, owing to the destruction of weevil. Buckwheat promised well at an early stage in its growth, but the heavy winds in August, where grown in exposed places, injured it altogether; while some grown in sheltered places did well.—Of oats there is but a light crop of grain, from the fact of its being put down by the winds before ripening; there is plenty of

straw, generally of a poor quality. Fruit, both cultivated and wild, was very scarce in this neighbourhood, much less than has been these many years past.

JAMES GRAHAM, *Sec'y.*

YARMOUTH CO. AGRICULTURAL SOCIETY.

The first annual meeting of the Yarmouth Co. Agricultural Society was held on Tuesday, 3rd December. Owing to the recent organization of the Society there were no business transactions to report. The subscription list, increased by one name since reported to you, showed 77 names; amount paid up, \$179.50. A subscription list for 1868 was commenced, and signed by all present. I shall see that the number and amount subscribed largely exceed the first list.

The following were chosen officers for the ensuing year:—*Pres.*, William B. Townsend; *Vice Pres.*, William Burrill; *Sec'y. and Treas.*, Charles C. Brown; *Directors*, William Kinney, Henry Burrill, Dennis C. Weston, Enos K. Rogers, Stephen Churchill.

DARTMOUTH AGRICULTURAL SOCIETY.

A meeting of the members of the above Society was held on 3rd December at the residence of Mr. Kuhn, V. Pres. Minutes of last regular and special meetings read and confirmed. The Treasurer's report was as follows:—

Cr.	
Balance on hand last meeting.....	£6 19 6
Received Provincial Grant, 1860.....	12 0 0
“ from 42 subscribers.....	10 10 0
	£29 9 6
Dr.	
Prizes.....	£14 7 0
Printing.....	3 2 6
Collecting subscriptions.....	0 10 6
Incidental expenses.....	1 5 0
	19 5 9
Balance on hand.....	£10 3 9

The following officers were elected for the ensuing year:—*Pres.*, A. Khun; *Vice Pres.*, E. Crosso; *Sec'y.*, A. Tobin; *Treas.*, Thomas Morash; *Directors*, John Bissett, Peter Farquharson, John Settle, P. McNab, John Morash.

J. SHORT, *Sec'y.*

BADDECK AGRICULTURAL SOC'Y.

The Baddeck Agricultural Society held its annual meeting on Tuesday, the 3rd of December; and after hearing the report of the Directors for the past year, the Treasurer's accounts were taken up and found correct, showing a balance to the credit of the Society, after paying all claims against it, of \$46.17, besides the Provincial Grant for the present year. The meeting was small on account of the inclemency of the weather, consequently

not much business was done; but the opinion was strongly held by all the members present that the funds should be saved and increased as much as possible, with a view to its investment in improved stock during the Provincial Exhibition in the fall of 1868.

The following gentlemen were unanimously elected office-bearers for the ensuing year, viz.:—*Pres.*, William Jones; *Vice Pres.*, David McCurdy; *Sec'y.*, Alex. Cameron; *Treas.*, James Crowdis; *Directors*, Donald McRae, Alexander Taylor, George Ingraham, Robt. Anderson, A. G. Crowdis.

It was agreed to order two bushels of the wheat advertised by the Central Board as trial wheat, not having been grown in this County to any extent for some years past. It was agreed to ask the Central Board for a few copies of the Exhibition prize list, if they are ready for free distribution among the members of the Society; this is done with a view to create a greater interest in the Exhibition.

A. CAMERON, *Sec'y.*

WINDSOR AGRICULTURAL SOC'Y.

The following were elected officers of the Society: *Pres.*, A. C. Thomas; *Vice-Pres.*, Sam. Mumford; *Treas.*, Jas. Dill; *Sec'y.*, Samuel Palmer; *Directors*, Peter Burnham, David Scott, Robert Bacon, Lewis W. Hill, John Cochran.

The efforts of the Society have been instrumental in improving the agriculture of the district by directing the attention of farmers to the advantages to be derived from a better system of cultivation, under-draining and manuring, with a better appreciation of the value of increased attention to the care of live stock, and selection of animals to breed from.

The hay crop of the past year was very heavy, and mostly secured in good condition. A large portion of the crop will probably have to be kept over for want of a market.

Wheat is not sown to any extent in this district. Where put in the past season the crop was an average, with very little injury from the wheat-fly. Farmers are likely to occupy more breadth of ground in this crop the coming season.

Barley was a fair crop, and would probably have been much larger had it not been injured seriously by the gale and storm in August.

Oats promised fair in the early part of the season, but are found to yield lightly on threshing, and the crop is likely to prove to be below an average.

Buckwheat and Indian Corn were very fair crops, but not extensively grown in this district.

The potato crop was light, and very much affected by disease. It is generally believed that the stock on hand, in this

district, was never smaller at this season of the year.

Turnips, mangel wurtzel, carrots, &c., yielded well, and it is matter of regret to the Society that those crops are not cultivated to a greater extent, when they must be acknowledged to be almost indispensable to profitable live stock farming.

1866.	DR.	
Dec. 4.	To repairing Threshing Machine.	\$21.42½
1867.		
Oct. 8.	" Premiums and expenses of cat-	
	tle show.....	120.50
	" Stock.....	90.00
	" "Journal of Agriculture".....	6.00
	" Blackadar Bros. for printing	
	rules of Society.....	5 00
	" James Dill, for keeping bull...	40.00
		\$282.92½

1866.	CR.	
Dec. 4.	By balance in hands of Treasurer,	\$100.62½
	" Provincial Grant.....	89.00
	" Members subscription.....	90.00
	" Use of Threshing Machine....	10 00
		\$289.62½
		282.92½

Balance in hands of Treasurer.....\$6.70

SAML. PARKER, *Sec'y.*

The annual Fair and Cattle Show of the Windsor Agricultural Society was held on Tuesday, the 8th of October, and was well attended by the farmers from the surrounding country. There was no prize fat stock worthy of particular notice, although the show of neat cattle on the ground was creditable to the district, and included specimens of thorough bred and crosses of most of the breeds lately imported, viz., Durham, Devon, Alderney, Hereford and Ayrshires. Some of the bulls, cows and heifers were very fine and promising, showing much improvement in that description of live stock.

A large number of oxen were exhibited, of good form and well suited to the requirements of the neighborhood, either as regards working or fattening qualities. A good number of sheep were also exhibited, but the quality was hardly up to the standard of last year, owing, in a great measure, to the season being unfavorable to sheep grazing, the grass throughout being too long and sour.

The show of roots in turnips, mangels, carrots, &c., was not as large as might be expected in the locality; but the quality was such as to afford proof of the capability of the district for their production. The samples of grain were very good and the prizes well competed for.

SAMUEL PALMER, *Sec'y.*

FENWICK AGRICULTURAL SOC'Y OF MAITLAND AND NOEL.

The Fenwick Agricultural Society held its annual meeting on Dec. 3rd, 1867.

The report of the Officers and Directors was read and adopted. Fifty-three members are now on the subscription list paying one dollar each for 1867.

On motion, it was agreed that twenty-five dollars be allowed, to aid the funds of the Agricultural Exhibition to be held in Halifax in October, 1868, the money to be retained out of our Provincial Grant next year.

Officers and Directors were elected for the ensuing year: *Pres.*, George Smith; *Vice-Pres.*, Alex. Densmore; *Sec'y.*, Robt. Faulkner; *Treas.*, Thos. Hunter; *Directors*, Andw. M. Crowe, Stephen Putnam, A. M. Cochran, Chas. Cox, Wm. Hunter.

It was further agreed that the Secretary order fifty bushels of seed wheat through or from the Central Board.

With respect to the crops in this district we may report as follows:—Hay very good; wheat but little sown, some weevil, some very good; oats pretty good, but the late rusted; barley pretty good; turnips good; fruit almost destroyed by gale of wind; pastures and after feed very good.

AMERICAN STOCK JOURNAL.

The April number of this valuable monthly contains interesting articles on "The Economy of Mixed or varied Food for Animals," "Poultry House," "Curo for Spavin and other Diseases," "Shelter for Stock," "Adaptation of the Mountain Regions of the South to Dairy Farming and Stock Breeding," "Prevention of Disease in Animals," "Care of Stallions," "Spring Management of Calves," "Age of Sheep," "Plan for a Hog House," "Poultry Hints for April," "Rural Economy," "Breeding and Rearing Colts," "Feeding Horses," "Cochin China Fowls," "The Mule," "Care and Management of Hogs," "Bee Keeping," "Hints for the Month," "Stable Economy," "Spring Management of Colts," "Roup in Fowls," &c. The rapid increase in the circulation of this popular Magazine has necessitated a change of location. Those wishing specimen copies, will please address N. P. BOYER & Co., Parkesburg, Chester Co., Pa.

NEW METHOD OF FEEDING SHEEP.

A grazier in the Pas de Calais, named Pentefort, has introduced the following novel and clever method of economising his green crops: he places on the ground a rack or fence across the whole field, and the sheep feed between the bars. When the animals have consumed all the herbage within their reach, the rack is moved forward, so as to give them a fresh supply of forage. Of course the rack is so made that the sheep cannot jump over it. It is evident that regularity in cropping and in the distribution of the manure, as well as great economy, must be the result of this novel system.—*Journal of the Society of Arts.*

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NOVA SCOTIA
PROVINCIAL
INDUSTRIAL EXHIBITION,
1868.

Official Notice to Intending Exhibitors.

INTENDING Exhibitors are requested to intimate to the Secretary of the Provincial Exhibition as early as possible, the nature and extent of their exhibits, in order that the necessary accommodation may be provided. Special attention is called to the following Regulations, but as the dates named for receiving entries have been extended as far as practicable to afford every convenience to Exhibitors, it is hoped that all those who are in a position to do so, will afford the necessary information long before the days specified.

1. Every intending competitor must transmit to the Secretary, not later than the dates mentioned below, an entry certificate, containing a correct list of the animals or articles which he intends to exhibit, together with certificates of pedigree in the case of thorough-bred stock. Any competitor failing to transmit his entry certificate at the proper time will be excluded from competition.

2. Horses, cattle, sheep, swine and poultry, must be entered on or before SATURDAY, 5th Sept., one month preceding the show.

3. Grain, field products, manufactures of all kinds, natural history specimens, minerals, fish and furs, fine arts, naval architecture, building materials, carriages, and articles not elsewhere enumerated, may be entered up to Saturday, 26th September, one clear week preceding the show.

4. Exhibitors of heavy machinery and bulky articles, requiring extensive or unusual accommodation, should communicate with the Secretary during the first week in September, in order that there may be time for the committee to make the requisite arrangements.

Copies of the Prize List, containing full details of the arrangements for the Exhibition, may be obtained on application to PROFESSOR LAWSON, General Secretary; or to

B. G. GRAY, Assistant Secretary,

54, Bedford Row, Halifax.

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GREAT
Provincial Agricultural & Industrial
EXHIBITION
OF 1868.

LIST OF SUBSCRIPTIONS

By County & District Agricultural Societies, towards
the Provincial Exhibition of 1868.

Western Halifax Agricultural Soc'y, half of grants for two years	\$100 00
Antigonish Agricultural Society	100 00
Windsor Agricultural Society	100 00
Yarmouth County Agri. Society	100 00
Egerton Agricultural Soc'y, E. R., Pictou, the Society's annual grant for '68, about	60 00
Dartmouth Agricultural Society	50 00
North Sydney Agricultural Society	40 00
Pictou Agricultural Society	40 00
Parrsborough Agricultural Society	40 00
Union Society of East Cornwallis	40 00
Sydney Agricultural Society	40 00
Newport Agricultural Society	40 00
Lower Musquodoboit Agricultural Society	30 00
Upper Musquodoboit Agricultural Society	30 00
Baddeck Agricultural Society	30 00
Middle River of Victoria Agri. Society	30 00
Boularderie Agricultural Society	30 00
Mabou and Port Hood Agri. Society	30 00
Shubenacadie Agricultural Society	30 00
West Cornwallis Agricultural Society	24 00
St. Ann's Agricultural Society, South Gut	20 00
Minville Agricultural Society	20 00
Broad Cove Agricultural Society	20 00
Fenwick Agricultural Society of Noel and Maitland	20 00
Bridgewater Agricultural Society	20 00
Bridgetown Agricultural Society	20 00
Mahone Bay Agricultural Society	20 00
Weymouth Agricultural Society	20 00
Paradise Agricultural Society	20 00
Upper Stewiacke Agricultural Society	20 00
Merigomish Agricultural Society	20 00
Hardwoodland Agricultural Society, Nine Mile River	20 00
Chester Agricultural Society	20 00
Maxwellton Agri. Soc'y, Co. of Pictou	20 00
Onslow Agricultural Society	20 00
King's County Agricultural Soc'y, Horton Digby Agricultural Society	16 00
Red Islands Agricultural Society	12 00
North East Margaree Agricultural Society	8 00
North Shore St. Ann's Agricultural Soc'y	6 00
South West Margaree Agricultural Soc'y	4 00
Stirling Agricultural Society	4 00
Upper Londonderry Agricultural Society.. ..	
Amherst Agricultural Society	
Wallace Agricultural Society	
Clare Agricultural Society	
Eastern Annapolis Agricultural Society	
Lower Stewiacke Agricultural Society	
River Philip Agricultural Society	
Glencel Agricultural Society, Guysboro'	
Milford Haven Agricultural Society, Co. Guysborough	
Aylesford Agricultural Society	
Lunenburg Agricultural Society	
River John Agricultural Society	
Caledonia and Kempt Agricultural Soc'y, Co. Queens	
Barrington Agri. Society, Co. Shelburne ..	
Yarmouth Township Agri. Society	
Pubnico Agri. Society, Co. Yarmouth	

\$1345.00

Intimations of additional Subscriptions by Societies should be sent to PROF. LAWSON, the Secretary, without delay.

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