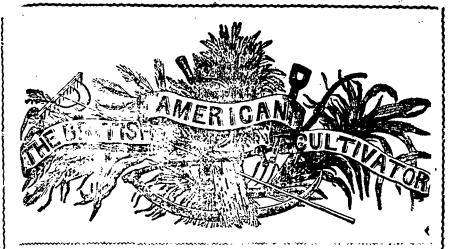
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Agriculture not only gives Biches to a Nation, but the only Riches she can call her own

ew Scries.

Toronto, november, 1847.

Vol. III. No. 11

Organization of Agricultural Societies.

We are pleased to find that the provincial ress, with scarcely an exception, evince a nost lively interest in the success of Agricaltural Societies In an agricultural country like Canada, this feeling on the part of the conductors of political papers is highly to be commended, inasmuch as it affords a pracical evidence that the politicians of the suntry are not so completely absorbed in party strile, that they have neither time nor disposition to tread occasionally upon neural ground for the advocacy of the important tause of agricultural improvement. If the proved tone of the Canadian press of the mesent day will afford a correct idea of what re may expect in the same ratio in future years, we may hope that, in the lapse of a tw years, the political, commercial and gricultural press of Canada, will be cemented into a bond of brotherhood, for the aiming any pretension in being endowed d sectional feeling, when their services country.

are jointly and energetically required to advance any great national movement. Believing that, in order to bring about such an improved tone in public opinion, each member of the press will necessarily have to exercise a friendly spirit of forbearance towards each other, and to secure the greatest degree of success, a laudable spirit of emulation must be fostered among all branches in the promotion of home-industry and enterprise. Each public writer has doubtless his own peculiar notions respecting the best and most systematic course that should be pursued to bring about the full developement of the natural and artificial resources of the province, in the shortest period and upon the most economical scale of expenditure. For our own part, we have thought and conversed much on the subject, and are quite satisfied that, among the various means of bringing about important changes for the better in the character of le object of advancing the great industrial our people as agriculturists and manufacterests of our nation and people. Without turers, the one of organizing agricultural societies upon such a broad and liberal basis, anted in asserting that the day is not far country income any desire to see the ented in asserting that the day is not far country improve would encourage those stant, when the inhabitants of Canade will modern institutions for the promotion of the actically obliterate from the mind all party agriculture, arts, and manufacturers of our

To bring about an uniform system of organization in the various branches of Agricultural Societies, throughout all the Districts of the Province, is a work that would not only require a special act of the Legislature to effect, but the people themselves must thoroughly understand the principl s of the improved system, and be impressed with the importance of carrying it out in all its practical hearings.

It is difficult to determine, whether the people of Canada are prepared to act in concert in building up a character, which would place both the country and its inhabitants in a position that they would favorably compare with those of any other portion of this At all events it can do no harm, and probably may do much good, for us to , oint out from time to time, what we conceive would be calculated to bring about that Agric Itural Societies, if properly constituted, may be made instrumental in accomplishing much good in developing the productive resources of the country. These, as has already been so frequently stated, should consist of Township, District, and Provincial Societies. The basis of this organization is Township Agricultural Societies, which should be governed by a Board of Directors chosen at their annual meetings. The appropriations made by government for the aid of Agricultural Societies, should be divided between the District and Township Societies in nearly equal propor-In some districts it might be desirable to retain £100 of the government grant remaining £150 might be divided among the Township Societies, in proportion to the amount of subscriptions they annually raise; District and in other instances, the grant might he ally, is quite sufficient for practical purposes divided equally between the Township Societies and the District Society. The premiums awarded by the Township Societies cannot be expected to be very large, but to create a general interest in the success of lowing brief outline:those local institutions, it would be wise to award small premiums for a great variety of ation, should be the Presidents and Secre articles, embracing in fact all the princi- taries of Township Societies.

pal agricultural, mechanical, and household goods that are produced in the Township. In many instances it would be wise for two or more Township Societies to connect their operations, so that a greater degree of interest might be produced from their meetings. The great object to be attained from the influence of Agricultural Societies upon society at large, is the improvements that will thus be effected in agriculture and the various other industrial pursuits of our country. Any measure that will effect that object, should be embraced and encouraged by those institutions, and in our judgment, no s'eps could be taken that would become so efficient in creating a stimulus for agricultural and general improvement, as the one of awarding one of the premiums usually given for the three best specimens of each article, a practical work on agriculture, mechanics,or horticulture, -- to suit the character of the article entered for competition, as the case The value of those books would may be. range from five to twenty shillings, and the average would probably be ten shillings each. If Agricultural Societies were established in the principal Townships of Western Canada, and the principle here laid down generally acknowledged, it would be a means of scattering broad-cast through our land a fund of information, which would very soon be apparent in the agricultural, mechanical, and horticultural pursuits, and likewise in the literature applicable to those subjects of the country.

District Agricultural Societies should, by in the hands of the District Society, and the an act of the legislature, be placed under the control of the Presidents and Secretaries of the Township Agricultural Societies in the One meeting, or exhibition annuwhich should take place about the middle of September. The plan that we would sug gest for the practical working of the District Associations, may be understood by the fol-

The Directors or Governors of the Associ-

dents of the Township Societies should be the Vice-Presidents, and the Secretaries should be Assistant Secretaries to aid the officers of the District Societies, in the nerformance of their official duties. The list of premiums should embrace all the agricultural, mechanical, and horticultural products of the District, and encouragement should also be extended to those who may invent or create any article that would be serviceable to the country. To judge these articles correctly, it will be found a very difficult point to get well qualified and important judges. Une of the best means of securing that result, would be to make a call upon each Township Society for three judges. and in no instance should two of those judges be chosen for the same class, and in their appointment the Township Societies should be clearly instructed to send in judges for specific purposes, so that the best in the Township would be selected, and in every instance they would have no interest in giving a partial decision in order to favor a friend, or to place their own favorite Township in an undue favourable light. sources from whence the premiums should be derived, are, 1st, the government grant, £100; 2nd, the entrance fees from competitors; 3rd, the collections at the gates of the Show Ground. The entrance fees for competition, so as to have it within the reach of all, might be put down to five shillings, and the entrance at the gates of the Show Ground ought to be at least one shilling and threepence for adult visitors, and the amount given for the encouragement of period as practicable. those objects, should depend entirely upon! Associations, and the whole of their pro-la careful perusal:-

ceedings should be based upon the principles of patriotism, and not merely for the gratification of selfish and local feelings and pur-If this plan of organization was adopted, all classes would feel an interest in sustaining the character of District Agricultural Societies, and the benefits that would be derived by the country at large would be incalculable, inasmuch as it would be a certain means of awakening a spirit of enc. irv among all classes of our population, and agricultural and mechanical improvement would shortly be the order of the day.

The Provincial Association, as already pretty well understood, should be governed by the Presidents and Secretaries of District Agricultural Societies, and the judges should be selected by the District Societies; and at their elections, it should be known on what class they should each be expected to actand in no instance should two from the same district be selected to judge the articles entered for competition in the same class. By this means, jealousies would be removed, and the mass of the people would have much The confidence in the operation of the Associa-

ANNUAL ADDRESS.

Delivered by E. W. THOMSON, Esq., President of the Provincial Agricultural Association of Upper Canada, in the City of Hamilton, on 7th of October, 1847.

The following Address would have been half that sum for youths under 16 years of published in the October number of the Cul-The money raised at the gates should livator, if it had not been that the first form be expended annually in awarding premiums had gone to press before the Exhibition took for such articles as do not really come under place. It has been published with the other the appellation of agricultural products; and proceedings of the Association, at as early a

Public documents on subjects relating to the willingness that the mass of the peo- the industrial resources of the Province, ple evinced in contributing their mite are rarely to be met with, and therefore we towards the encouragement of native genius speak for the one under notice a careful and enterprise. Agricultural books, and even reading, at the hands of our numerous medals should be awarded by the District readers, confident that it will amply repay

Noble Patron and Gentlemen of the Provincial | conducive to health (without which blessing all Agricultural Association, Friends, and earthly enjoyments are comparatively valueless) Brother Furmers:

powers, it would be the scenes this day presented we are now surrounded. to my view; and I most sincere'y regret that my place is not now accepied by some one better in illustrating the importance of the farmer's qualified to do justice to the subject upon which calling, allow me to recommend to your attention I am about to address this large and highly the writings of those who, with a thorough knowrespectable assemblage. But, inadequate as my ledge of the nistry and other branches of science powers are, I will yield to no one in a sincere | 5-aring upon agriculture (10 which I make no desire to promote the important objects for which pretensions, but, as a practical man, duly apprethis Association has been formed, namely, the ciate), have given their views to the world. developement of the resources of our country.

The Provincial Association was formed, little educational lusto y of Canalia. A Normal school. more than a year agu, by a few gentlemen sin at the public expense, is about going into operaup, in a very hasty manner, at Toronto, in October last.

In all our proceed ags, we have taken as our mo lel those highly useful soc eties established in the countries of which we are provid to be natives, or from which we have derived our descent; and while we avoid every thing like party politics, one object of our Association is to concentrate the power and bring the influence of the agriculta al community to bear upon those matters that are connected with the prosperity of the country. Accordingly, at the meeting held! for the election of officers, the day after the exhibition (and at which meeting an amended constitution was adopted), it was determined to pet tion the legislature for an act of incorporation and a grant of money, which was done, and the act was granted; but, for some reason known to those in power, the grant of money was withheld. By aid from some of the District Agricultural

Societies, the liberality of individuals, and the indelatigable exertions of the local committee we have been enabled to get up the creditable exhibition we have this day witnessed, and which I think warran's the hope that if our efforts are judiciously persevered in, they will be crowned with some degree of success. And it is under the influence of this feeling that I now attempt to advocate the cause of agriculture, which of all employments is the most important to this country, and that from which the greatest amount of independence, comfort and happiness, can be

is abundantly manifested by the blooming cheek, If any thing could inspire me with oratorical sparkling eyes, and ainleuc forms, with which In endeavouring to attract your attention, and

The present is an important period in the

cerely desirous of promoting the best interests of tion, at which are to be taught those to whose Canada; and the first public exhibition was got care are to be currested the education of a large portion of the youth of the country; and who again, in their turn, are to educate the next generation. How important it is then that the commencement be made u on a proper system, and that the leaven that is to leaven the whole mass of future generations be pure. The desire to bring this important matter prominently before my brother tarmers, was a powerful element in inducing me to consent to assume the responsibility of delivering the address on this occasion Tru- it is, tot' and labour are the portion of the firmer; for " He that by the plough would thrive,

Himselt must enher hold or drive." But what then? Is not the vigour of his body

and mind promoted by Jabour? he enjoys his wholesome food, and his sleep is sweet and refreshing. And though at certain seasons his anxieties are great and his labour severe, there are other periods that affor I him leisure for the improvement of his mind and the enjoyment of the innocent pleasures of life, to as great and perhaps a greater extent than any other calling

or profession. No class being more immediately dependant upon the superintending care of an all-wise Providence, no employment is better calculated to call forth the aspirations of grantude and love to that Almighty power, without whose blessing we labour in vain.

The farmer may be doomed occasionally to experien e disappointment from the failure of crops, fre in blight, mildew, or the ravages of the diminuderived. That agricultural pursants are most live insect; all are, however, ordered to teach him

his dependance upon the Great Ruler of the universe, who has said " Seed time and harvest shall not fail," and we have reason to be thankful we have never experienced an entire failure of crops in this coun'ry.

But without dwelling on this part of the subject (as I trust we all feel our dependince upon a Divine Being), let us turn our attention to the respectability of agricultural pursuits.

If antiquity gives to the profession respectability, we claim for it the highest on that score; for it was the first occupation followed by man. If the fact of its having been followed by perpursuits.

If the universal desire of men of the most vam its favor, we have only to observe the numally looking to it as a final desunation. The the highest price for our produce. Warrior, the Statesman, the Merchant, the Matiner, the Lawyer, the Mechanic, in fact members from every class, long for the time when they can leave the perplexities of their several occupations, and engage in the cultivation of a farm. Some may have found on experience, that the Farm did not possess all the fascinations their poetical fancies had led them to anticipate, because they had only allowed themselves to view the farmer's life in the most favourable aspect-yet many, very many, have fully realised all they had a right to, and all they in the exerclse of a sound judgment, did expect, and have realized the truth of the remark of one well qualified to judge, and who has said, "No "pursuit has such a variety of interest-nor can "any business or profession vie with it in hap-*piness and independence, the intelligent far-"mer has every day some fresh incident, some "new progress to observe; the advance of his "crops, the condition of his stock, and the result of " bis experiments, and his life is passed in the midst "at all that should make it agreeable; its attrac-"tions are felt by the highest, and it is a profes-"sion that never degrades. No profession or "occupation can in these respects compare with "it; and without affording large profits, it begins "by giving much that large profits and years of "labor end with."

How then are we most effectually to promote the interests of that profession?

We have not only to take into account existing circumstances, but to look forward to wnat we have reasonably to expect, now that it has been determined by the wisdom of the Imperial Legislature, that we are to forego the advantages we formerly enjoyed in the markets of Great Britain, where we shall hereafter have to compete with, not only the superior mode of cultivation practiced there, but with the producers of all other countries who resort to those markets with the produce of their soil. How is this to be done? By adopting the same thorough system of cultivation that prevails in Great Britain-oy sons of exalted station, gives respectability, Em- an intelligent practice of every improvement-by perors, Kings, Princes, and the Nobles of the persevering in the selection of the best breeds of earth have been, and are engaged in agricultural our dom-stie animals -- by the manufacturing and use of all labor-saving machines and implements -and by the cultivation of every variety of crop ried stations in life to engage in it, is testimony the soil of the country is capable of producingand lastly, by seeking access in the changest posbers fro n every class of society that are continu- sible way to those markets where we can obtain

Although wheat is essentially the staple article for exportation, and the crop that has hitherto proved the most rem merating to the Canadian furner, there are several others which are well adapted to the soil and climate of Cinada, and of which we have usually imported to a considerable amount, and paid for in cash, thereby creating an exhausting drain upon the resources of the country that would eventually prove ruinous, and which is the worst possible policy, unless we could exchange the proceeds of more remunerating crops for such importations; but this is not the case, particularly with regard to hemo for the man'tfacture of cordage,—an article the consumption of which is very great, -and although we have manufactories of cordage established amongst us, the proprietors are compulled to resort to the United States for a supply of the raw material. Hemp and Flax ought not only to be produced in sufficient quantities from which to manufacture all the cordage (and other coarse fabrics of which they form the stap e) required for consumption, but to become a profitable article for exportation; and from the flax-seed we ought to make all the lineeed oil we require for use amongst ourselves, which is also an important item in our imports. Another important item to be taken into the account is the oil cake, &c., made from the refuse of the seed; food that would be available for atening animals for our markets, which are now

required in order to get the proper machinery in- upon the precious metals, and hence, the digging to operation for dressing, is probably greater than the ore, the transportation of it, and the numbers what any individu I can command; and a united effort will be necessary to ensure a sufficient sup- for their living, will tend to augment our conply of the raw material to make it profitable. suming population and enhance the profits of the pecied, which may in part be accounted for from the circumstance of wheat having been in brisk demand for the last few years, owing to the falture of the potatoe crop, and the partial failure of the grain crops in Great Britain and Ireland, as well as on the continent of Europe; but especially owing to the preference we enjoyed in the markers of Great Britain,-a preference we no longer enioy.

bless those countries with abundance, at which, whatever may be the consequences to our peckets, every well constituted mind must rejoice, although it may be the cause of very great disappointment to many who have embarked their capital largely in the branch of trade,—the results of which will not only prove distatrous to themselves, but will have a depressing effect upon the country at large. And as we have no longer that preference in the home markers we formerly enjoyed, we must overcome these difficulties by an effort to produce every thing that will command a renumerating price, either for domestic or foreign consumption.

But as it has pleased Almighty God again to

And, Gentlemen, allow me to say, that the present time is an important crisis in our affairs. Many schemes of improvement are in aguation; and although they do not all progress with railroad speed, some of them must and will be forced into operation. We must have improved interna! communications, to bring our produce at a cheaper rate than at present to our great and splendid water communications, which, although they have cost immense sums of money, are worth much more than they have cost, and are now nearly completed; rail roads, plank, and maca

supplied to a considerable extent by our neighbors. [The rich mines to the north are a source to which We also import the finer qualities of wool, the im- we may reasonably look for an increase to our provement of which is of easy accomplishment prosperity,-not that I would encourage farmers and within the reach of every farmer. But the to become directly concerned in mining speculaproper encouragement for the cultivation of hemp tions, but indirectly they will all be concerned; and flax would perhaps be best effected by an ef- for, however rich in silver and copper the mines fort of this Association, as the amount of capital may be, those who labor at them cannot subsist

A good deal has been, from time, to time published tarmers' fertile acres, in which lies the never failon the subject of these important crops; but it does | ing source of his wealth, if only properly managed. not appear to have attracted the attention of our | While it is our interest to encourage manufacfarmers to the extent that might have been ex- tories, mining operations, and every facility for transportation, for every penny saved in transpor-

cation is so much added to the profits of the pro-

that in various ways will depend upon the mines

ducer. Our main object should be, preserving the fertility and increasing the productiveness of our farms, for the soil is the true source of wealth, and a source in which Canada abounds to an extent equal to any country on earth. Now, Gentlemen, time forbids that I should go

into detail in the elucidation of this subject, or

that I should enter into a description of the dif-

ferent modes that have been successfully adopted

to preserve and increase these productive powers of the soil. Volumes have been written, and well writen, on the subject; scientific nien have spent much of their time in investigating the properties of different soils, and their adaptation to various crops. To those individuals the world owes a debt of gratitude it can never repay. The names of Davy, Sinclair, Liebig, Johnston, and

others, who have devoted their lives to the study

of these subjects, ought to be held in high esteem

by every farmer and by every friend of the human

family; and, gentlemen, we have those amongst us who deserve our special encouragement, menn the conductors of, and contributors to, our Agricultural Journals. Men who carefully select from the rich mines of intelligence, given to the

world by the individuals I have named, as well an others, articles and extracts immediately bearing upon our interests, as well as much useful original matter; and whose Journals are distributed

at so very low a price, that they may be obtained for a few shillings per annum; and yet it is matter of surprise that the circulation of those papers it not more extensive, and that any man of common damized roads, must follow in every direction. sense will deprive himself and family of the plea-

sure and advantage to be derived from this source, | adequately remunerate the cult vator for the exfor the paltry saving of a few shillings, when, i perhaps, he will think nothing of spending 2 much larger sum on some uscless, yea, worse than useless, indulgence. "Yet, '113 true, and pity 'tis, tis true ," for although all may not be able to avail themselves of the more costly publications to which I have previously alluded, there is no excuse for those who deprive themselves and families of the advantages to be derived from cheap works, such as those published amongst ourselves. Now this -heald be kept in view by every member of this Association, and it should be his endeavour to propagate a taste for agricultural reading.

I trust a brighter era is dawning upon us in l educational system, will, he such, as shall at no lity very distant day, place it in the power of all, to enjoy the advantages of such an education as will enable every farmer to call to his aid all the benefits of science and experience, as well as to enjoy the pleasures of his honourable and useful calling, in a more intelligent manner.

The interest manifested in agricultural affairby the illustrious Nobleman now at the head of our government, is a guarantee that, as far as he isconcerned, our interests will not be neglected; and we knowthere are some individuals in the legislative Council, able and willing to co-operate with him; and, gentlemen, it is our fault if the branch of the legislature over which we have a more immediate controul, is not so constituted as to secure a proper attention to out interests on their part. By agriculture alone can be advanced the general prosperity of the country. I im awire there can be no such thing as separate

pense of harvesting, leaving him minus all the other expenses, as well as interest of his capital. This ought not to be. No man should allow his farm to deteriorate in quality in the sinallest legree; nor will he, if he possess the true and proper feeling of a farmer. But to ensure this feeling, he must be an educated man, and it must be an education especially practical, to ensure the desired results. Hence the necessity of instructing rightly the rising generation, who are not only to be the future tillers of the soil, but many of them leaders in our public affairs, and whose influence, if properly educated, will produce a saturacy effect upon our moral and social condition. The farmer occupies a position in society this respect, and that the improvement in our the most important to the well being of his coun-His influence the relore, for good or for evilwill have a most decided bearing on its interests for all time to come, and he should have placed within h's reach advantages for the cultivation of his mind, and obtaining knowledge useful to him n his profession, so as to furnish him with that practical information which will enable him rightly to appreciate and discharge his important duties.

> It has been well said that the Almiohty has graciously provided every thing in the world that can conduce to the benefit of His creatures; but having endowed man with the faculty of reason. He has, in His and Join, left many of these benefits a ideveloped, for the purpose of exercising that reason, and calling forth that skill, which would o herwise lie dormant. Therefore a proper education is necessary to enable man to employ his physical powers to the greatest possible advantage.

It is to be hoped, that in the system of educaclass interests, for we are munally dependant tion which is beweatter to be purered in this courpon each other; but agriculture is, and ever try, that which is peculiarly adapted to the benefit nust be, the ground work of the whole. It is of agriculture, will not be entirely overlooked, and nortifying to hear it remarked by those laiely that, while the candidate for the Palpit, the trived from G eat Butain, where the land is. Medical Profession, and the Bar, are trained with altivated in a very superior manner; that some special reference to the profession in life each is arts of Canada look as if the people had farmed to follow,—the Farmer, while he participates in Yet more tying as it is, these the ordinary branches of education, will be afte the remarks, we are compelled to listen to, forded an opportunity of receiving such instrucad an ante miradict. Facts are stubborn things; tion as will suitably prepare him also for the pror in many parts of Canada such an exhausting fession to which his life is to be devoted,—and parse of critate has been parened, without add- that it will no longer be taken for granted that the nz what was necessary to sustain the productive | Farmer is in no need of peouliar attention as reowers of the soil, that it has become so reduced, gards the cultivation of his mind, and the improvehd the yield a marquently so small, as to concern I ment of his powers, as if science and the cultivation of the noble powers with which God has plication of which, would, in this country, as well endowed man, would unfit him for one of the first as others be found renumerating) have been neemployments under Heaven-the cultivation of glected. I would therefore urge upon the Farmers the Earth,-but on the other hand, be admitted, of Canada, and exhort the Members of this that there is no occupation in which scientific k towledge can be more eminently useful than in agriculture; and further that that class of individuals who have strong objections to what they call book-farming, and who will not adopt any new methods which have proved successful, until years, it may be, after their utility has been establishel, are very rapidly diminishing Could not the energies of this Association with advantage be applied to aid in the establishment of an Educational Farm, where the art could be scientifically and practically taught under the management of a suitable person,-such a farm would, I believe, be invaluable to the country. On a farm of this description, experiments could be instituted in a much more satisfactory manner, and their results promulgated much more speedily, than by any other means; and an Institution of this kind might be made a well-spring of intelligence, from which streams would flow that would irrigate and fertilize the whole country. It would also afford an easy mode by which many of the Orphans of Emigran's could be educated and prepared for a useful life, at a small expense,-as by their labor a considerable part, if not the whole expense, would be defraved.

We have fately had our population augmented to a considerable extent by a class of unfortunate and distressed beings, who require our sid and be to ce that, at least, and so also with other demand our sympathies. Many, I fe r, are distressed. Now, to dispel the apathy that has too posed to regard these people as a dead weight long existed, is a principal object of ams Assoupon us. It is not so if we adopt a process. upon us It is not so if we adopt a proper course, ciation To encourage the introduction of laborbut if we do not make an effort there is too much isaving implements, is an important object, and the employment. This is a favourable opportunity for our importing articles of this kind hereafter. to commence that operation, by means of which, day, is satisfactory evidence that we are improvwhich they have hither a found an excase in the manufacture cloth we are to wear. scarcity of lutter; and from the same cause, the good deal of hand labor (and with a plentiful ap- United States, are annually consumed in Canada

Association, to urge upon them the importance of attending to these matters. There is abundant room for improvement; and it is wise to be ever ready to take advantage of circumstances, and to follow out that practice which has proved beneficial to others.

The specimens of Improved Stock, this day exhibited, give ample proof of the importance of breeding from none but the best animals; and who has travelled through Canada, without being compelled to acknowledge that this has been most sadly neglected by a large majority of our Farmers, who have not availed themselves of the opportunities afforded them by those public spirited individuals who have imported valuable stock into their neighborhoods. Had they availed themselves of the opportunities they have had for the last ten years, what a different state of things would have now existed,-though the number of animals might not have increased—their value would have been doubled.

And such is the case with respect to every other department of the Canadian Farmers occupation. I speak of the country at large, there are exceptions; there are even Townships that may be excepted. Taking the country at large, I doubt whether the average of the Wieat Crop is over fifteen bushels, it so much, it ought to reason to fear they may be burthensome. We epocimons presented on this occasion, render a should immediately seek to give them suitable sufficiently evident that there will be no necessary for those who have lands that require draining, The samples of Woollen Goods we have seen to such lands would be greatly enhanced in value. ing in that branch of manufacture, at a rapid rate, The increase of our population,-though many of and ought to stimulate Farmers to attend to their them not of the most efficient class,-will also flocks, with a view to improving the quality of enable the Canadian Farmer to make many other their Wool, that our spirited manufacturers may necessary improvements, and adopt a more not be compelled to go with their cash to the thorough mode of cutification for the neglect of United States, to purchase wool from which to

Much might be said on the subject of Dairy cultivation of root and other crops that require a Produce. Tons upon tons of cheese from the

The samples we have this day seen, is proof positive, that the article can be manufactured in Canada to perfection. Why is it not? We possess all the material, but we want the application. That we do not supply our own demand. and a large quantity for exportation, is a serious evil that must be remedied; and, indeed our efforts should not cease until we obtain from the soil of our country, as large quantities of every description of produce as it is capable of producing, or as it is possible for any soil to produce, and that not only for the supply of our own consumers, but also for the supply of other markets.

I trust we shall be able, with the aid of the and be the means of diffusing useful information. This object we ought to keep in view. I am quite convinced that the publication of the Transactions of this Association, from year to year, will greatly tend to advance the objects for which it has been formed; and if a well digested Report, embracing the Transactions of this Association, as well as Reports from District Societies, was properly prepared, it is not too much to expect, that when brought before the Legislature, through the proper channel, it would be printed at the public expense—the effort is worth making -and I wish the members of the Association would reflect upon it.

suppose, to pay some attention to Ornamental life, and withal a self-educated man. Improvements. air of neatness and comfort. This increases the within the grasp and comprehension of the mass value of every acre to a much greater extent than of mankind. So far as we are capable of jungthe cost of such improvement. A taste for these ing, we are prepared to pronounce the Address things can only be caltivated by reading; by before us to be highly creditable, in every sense inducing a desire to read, and creating a desire; of the term, and we only wish that it could be reafter information, you take the first and most im- corded in a respectable volume of Transactions of portant step towards the diffusion of good taste. Canadian Agricultural Societies, in which form Gentlemen, could the ideas I have now sug- it might be handed down to posterity, with other gested, and very feebly, and I feel, imperfectly, documents of a similar description. The only brought before your view, be carried out, (and I means of preserving it for future generations, at see no reason why they should not) then, in a few present in being in Canada, is the one now emyears, should we have the proud satisfaction of pleyed, and although it is in many respects on

extent,-our herds and our flocks "bring forth thousands and tens of thousands in our streets,"--our people intelligent, industrious, contented, and happy, and glorying in the proud destinction, of inhabiting a country which is so valuable a part of the British Empire, -of which may it ever be our pride and beast to form an integral part,and to the Crown of which, may Canadians remain faithful and attached subjects to the latest generations.

The foregoing Address was delivered by the jate President of the Association, from the GRAND STAND, under very unfavourable circumstances. several District Societies, to get up such a Report | The rain poured down in torrents, and the of our proceedings as will excite some interest, audience were compelled to stand on the ground, which, from the above cause, together with the treading of man and beast, was literally a sea of mud and mire. The unpleasant position of the people, who were anxious to hear the Address, induced the Speaker to draw it to a close, be ore it was half delivered, -at the same time making a promise that it should be published entire with the other proceedings of the Association. That promise has been now fulfilled, and we trust that the reader will be delighted with its style and tone, and likewise with the patriotic principles so ably discussed. It must be remembered that Mr. Thomson is a native Canadian farmer, who has passed through the various stages of hard-It is of much more importance than many ships and trials, incident to a back woodsman's Careful attention to planting passing judgment upon so important a docuand preserving Ornameital Trees, well ar ment as the one under notice, the facts alread. ranged and well constructed Farm Buildings stated should be borne in mind, masmach as the and Fences, a good Garden and Orchard, render would be led to expect that the Address all conduce very materially to the comfort and would be couched in plain and intelligible lanconvenience of the Farmer and his Family, and guage, and the views and principles evolved give to a neighborhood, if generally adopted, an would be those of common sense, and quite seeing our fields produce, to the utmost possible efficient one, still we are of opinion that the

period in the agricultural history of the country has arrived, when a more suitable medium for recording public documents of this kind should should have as practical a tendency as possible. be provided. Such a volume of Transactions, of all the Canadian Agricultural Societies, might have a very powerful tendency in elevating and now be established with a very trifling amount improving the tone of the agricultural literature of difficulty Although it may appear to some- of the Province, and would likewise be productive that we are diverging from the subject under con for effecting a vast amount of practical good to the sideration, still it is a matter of such vital importionarry. These Addresses, from year to year, tance to the agricultural and general productive ishould be carefully compiled and revised, and interests of this Province, that we trust we shall they would contribute largely in forming a pretty be pardoned for here pressing the question more massive volume of original merature on Canadian forcibly on the attention of those who have been Agriculture and her kindred arts and sciences, delegated to preside over and manage the affairs. The various Agricultural Societies of the Proof Canadim Agricultural Associations, whether vince should likewise make it a standing rule they be Provincial, District, County, or Township to offer, at least, two liberal premiums for one Societies. The leading Agriculturists of Canada for more Prize Essays, on aubjects connected are now convinced of the propriety of reducing with the productive interests of the Province. the management of Ag icultural Societies to an There are scores of subjects that have a pracn isform system, and that too, upon a scale that a cal bearing upon Canadian Agriculture, which would secure the full co-operation of all parties, are very imperiently understood by the great without detracting from the interests of any, bulk of the people, and if they were discussed These Associations, as has been described in the by a diversity of intellect, the results would be leading article of this number, should from so a more general enlightenment upon not only be many links in a chain, which should be so indis- subject in an enlarged view, but every feature so uply connected and cemented in a bond of that would have the slightest bearing upon the union, that the one could not well perform the main point, would be illustrated, and would important doties required, without the aid and full ultimately become well understood by the readco-operation of the sister or associate Societies- ing portion of our population. These Essays, in The plan by which this great and patriotic many instances, would have to be considerably actiferement may most effectually be brought into abridged before being prolished; but they certainly tull and complete operation, has been submitted (would aid very considerably in giving a general to the public, through the columns of our maga- interest to the Annual published proceedings of zine, and we now, as bri-fly as possible, proceed; the Societies. The third, and not the least to the consideration of the character and objects important source from whence the volume unof the volume of Transactions of Canadian Agri- der notice should receive liberal contributions. cultural Societies, which we hope soon to see is, detailed accounts of the best experiments published. This work should, in the strictest made in agriculture. It would be somewhat sense of the term, be purely original in matter, difficult to collect and prepare those experiand it should also, under no consideration, con- ments in a suitable form for the press; but if ia'n an eles on such subjects as are irrelevant to each Society would make it a point to require, to the great questions and principles for which at the hand of the successful compensers, a full Agricultural Societies were established to pro- and succinct description of the manner in which pour I and elucidate. That the reader may they brought about the favourable results, then form a pret's correct idea of what we conceive the principal difficulty would be removed should compose the Annual Report of Proceedings | There are other features connected with the of Agricultural Societies, it might be here stated, volume of Transactions of Canadian Agriculfirst:-that it should become a standing rule tural Societies, that we should like to point with both Provincial, District, and Township out, if time and space would admit, but suffi-Societies, to appoint a competent person to deliver an Annual Address, in which the peculiar that it would confer a great blessing upon our features of the Agriculture of the District or | people and country.

Township, as the case may be, should be discussed; and the facts elicited by the Speaker If this system was to become general, it would

There are in Western Canada, upwards of one hundred Agricultural Societies, and when a more uniform method of orginization becomes established, that number will, doubtless, very materially increase. In connection with those societies there may be found a considerable number of individuals who are in possession of superior literary attainments, either acquired or natural, and there are scores, and probably hundreds of persons within the circle of influence of those sent Governor General is not only a practisocieties, who are both capable and witting to aid! the great cause of agricultural improvement, occasions taken a very conspicuous part in who have never indentified themseives with the the management of Agricultural Societies, movement under consideration. The wants of that the proper means will be adopted, under the country at this particular crisis, require that his administration, to fully develope the agrievery true Canadians should put his shoulder to cultural, mechanical, and mineral resources the wheel, evincing at the same time a determi- of the province. The speech before us is nation to move forward the gigantic car of one of great interest, and His Excellency Agricultural Improvement; and in our humble clearly gave his mumerous and respectable judgment, the proper apphances for doing so audience to understand that his interests and most effectually have never been brought into theirs should be closely blended. requisition. The plans we have suggested from time to time, for the development of the resources of the country, may doubtless be improved, if public opinion could only be concentrated on the several propositions submitted for consideration, and we heartily hope that the people will ! no longer evince a supineness, when questions of all along stood above par, would now be such vital importance are brought prominently; before their notice.

Speeches delivered at the Dinner.

of the Speeches that were delivered at the sources, but the work must be done by close of the Dinner. The entire paper would themselves. The government of a free peobeen occupied with the proceedings of the ple should nact wise and salutary laws, but Association, if the whole had been published, the proper application of those measures, is We therefore give insertion to those speeches that we deem to be the most important to the agricultural interests of the province. Ithemselves, and by the aid of their own go-The admirable speech delivered by His Excellency the Governor General will doubtless be read with much interest by the whole and richer than their own. of our subscribers. It is the first Address on agricultural improvements that was ever posed,-" Our Noble Patron of the Agriculmade in the Province of Canada, by a Go- tural Association of Upper Canada, His vernor, and we heartily hope that in future Excellency the Governor General,"-His so good and patriotic an example will be Excellency rose, and in a clear and audible practiced, by which means an increased style, said-

impetus will be given to the cause of general improvement. This is an important and somewhat alarming crisis in our agricultual history, and it certainly behoves every individual to employ his utmost influence in placing the industral interests of the province on a healthy and sound footing.

We have some reason to hope, as our precal farmer himself, but has on numerous

The agricultural and commercial interests of Canada, at no former period of the history of the country, required the fostering care of government so much as at present. Our national and commercial credit, which have stricken to their very centre, by a single unpropitious harvest. Facts like these staring us in the face, should have the influence of impelling every true Canadian to action. Our Governor General is willing and anxious to do his utmost to aid the Canadian people It is quite impossible to give a full report in developing their rich and abundant rea work purely for the governed. The inhabitants of Canada must now learn to support vernment, they may be able to successfully compete with other countries that are older

After the following toast had been pro-

I sincerely thank you for this welcome. The in the enjoyment of ingloricus repore, or in the percheers with which it has been accompanied, awaken formance of empty ceremony. (Tremendous and a response here, (the Governor laying his hand on long communed cheers.) Therefore, gentlemen, Society of Upper Canada, would take place during the antumn, I resolved that no obstacles which ing it. (Cheers) I feet confident, that the occasion could not fail to be fall of interest and gratifisnower a a proper season, we are, I believe, all mainly for the comfort and luxuries of life.

I have been much granfied, however, by what I have seen to-day. To tell you the truth, I expected to find great ingenuity displayed in the implethen surpassed, in the exhibition of Cattle and I was also much gratified to fit d, that Voir exhibition was not confined to the produce of griculture, but that it also included specimens of native ratent, in the arts and manufactures. But, gentlemen, I must confess to you, that there is one circumstance connected with this meeting, which gives me still higher gravification than ail trace, -it is, that I find myself this evening, for the tirst time since my arrival in Canada, surrounded by some hundreds of the enterprising and intelligen men, to whose skill and industry, we one the regress which Canada has already made, in the cu to tion of these useful arts, and to whom we most look for the further development of her am st unpreal eled resources. (Great applause.)

I repeat it, of a'l the incidents of this interestmy faceting, that which is most graifying to me is, to find myself among you, sharing your interests, . h., ting your endeavours, putting, if you will allow tain, you must permit me this opportunity of observive, and in making this observation I shall take care. Mr. President, not to infringe upon that adand in making this observation I shall take mir bie rule of your society, which precludes the envoluction of political topics at your meetings) in a waile no one ever filled the situation of Gounn I do the rights and privileges of a free people;

(Tremendous and his breast) which asures me that they come from, you can understand with what perfect since ity I the heart. (Cheers.) Gentlemen, from the day on speak when I assure you, that it gives me the highwhich your President, Mr. Thomson, onnounced to est gratification to find myselfamong you this evenme that a Meeting of the Provincial Agricultural ing, lending whatever induced at aches to my position, to the premotion of those great and worthy objects, on behalf of which you are assembled together. And, gent enten, what are these objects ? What does the premotion of agricultural improvements in Canada involve? I need not remind you cation to me, and I have not been disappointed in that in all countries, and in all conditions of a cicty, my expectations.—(Cheers.) I certain y regret agriculture ranks high as an honour ble and use-that we should have had such a rawy day, for ful pursuit; agriculture is the art upon which man though see Agriculturalists, appreciate a good depends, not only for his duly bread, but also greed, that on a show day, it is better to have fine lif we look deep y into the matter, we shall find teather. (Cheers and Laughter.) that the most eater processes of manufacture are, for the most part, manipulations of agricultural products. Look, for instance, to that greatest of all manufacturing interests, the co ten manufacturing interest of Great Bri ain- see how dependent that interest is upon agriculture, which furnishes it with the raw material. Look, also at the woollen manufactures (and it gave me much gratification to see some excellent specimens of native industry in that department, which were exhibited at the show to-day,) see how dependent that interest also is upon agriculture, which rears the sleep and improves his condition so as to secure a fine and valuable ficece. Or, to take a higher view of this sub-ject, agriculture is the art, by the cultivation of which, a gracious and mercuul God, enables his falen creatures to extract a blessing out of the primeval curse. (Greet applause) But let meask ag in, what in a more special and

peculiar sense, is involved in the promotion of agricultural improvement here in Canada? What has agriculture already done for Canada? and what may it still be expected to do for Canada? (Some person at the table called on "erery thing"—and His Excellency replied 1. expression, my shoulder to the whiel along the past. But a few years ago this territory, which now sustains some hundreds of thousands of inhabitants in comfort and plenty, and enables them out of their surplus produce, to remit large supplies to other countries—but a tew years ago, I say, this great ter itory was traversed by a few wandering inbes, who could with difficulty proremor General, who held in more sincere respect cure throughout its vast extent, the means of a scanty and precarious subsistence. And, genilewalls as on-was ever more prefoundly impressed men, this change so sudden, so marvellous in its with the conviction that, in order to the harmonious results, that it appears more like fable than reworking of very political system, it is indispensible ality, is mainly to be ascribed to the introduction that the co-ordinate powers should, each of them, of agriculture. I hardly presume to left even a conductuse f within the limits prescribed by the corner of that veil, which hides the future from corns itution; yet, on the other hand, I must with our gaze, for the prospect beyond that veil is attached a factor of the corner of the prospect beyond that veil is attached to the contemplate. But who, I disposed to suffer the high office with which has ask, will venture to assign timuts to the prosperity Sovereign had entrusted him, to degenerate into a which Canada will yet attain, if she continues to pageant 'cheer's' or to forfeit the honourable hope advance at the same constantly accelerating rate, or identifying his name with the advancement of at which she has of late years progressed. (Apa great Province, and its enterprising inhabitants, plause.) Well, gentlemen, the question forces in order to pass the time of his sojourn among you, little upon every reflecting mind, how does it

igons have been settled, and the answer is un- my power to afford. end all preceding ages, in valuable discoveries, ore particularly in chemistry and mechanics, we been brought to bear, under circumstances ing] micularly favourable, upon the productiveness a new country. ere young, science was in its infancy; the art civil government was imperfectly understood; operty was inadequately protected; the labor knew not who would reap what he had sown, hi the teeming earth yielded her produce grudngly to the soliciations of an ill directed and saltory cultivation It was not till long and inful experience had taught the nations the sumority of the arts of peace over those of war; was not until the pressure of numbers upon the cans of subsistence had been sorely felt that the genuity of m in was taxed, to provide substitutes those infective and wasteful methods, under hich the fertility of the virgus soils had been well shexhausied. (Applause.) But with you, gen-men, it is far otherwise. Canada springs at nce from the cradle into the full possession of search of earnest and thoughtful men throughit a series of g nerations. (Great applause.)

ome to pass, that the introduction of agriculture management you can convert it into ten. ad of the arts of civilized life, into this and other (Cheers.) And, it is because I believe that soarts of the American continent, has been fol- cieties like these, when well directed, are calcuwed by such astonishing results? It may be lated to aid you in your endavours to effect these sid, that these results are due to the qualities of important objects, that I am disposed to give them hardy and enterprising race by which these all the protection and countenance, which it is in They have certainly been publedly a true one; but it does not appear to very useful in other countries, and I cannot see he to contain the whole truth—it does not appear why they should be less serviceable in Canada. paccount for all the phenomena. Why, gentle- The Highland Society of Scotland was the first en, our ancestors had hearts as brave, and arms instituted, and the proud position which Scotland s sturdy as our own, but it took them many enjoys as an agricultural country, speakes volrars, aye, even centuries, before they were enaumes of the services rendered by that society.
The Royal Agricultural Society of Ireland, folld fastnesses of the Highland Chieftians, into the lowed in its wake, and with similarly beneficial reen pastures of England, and the waving corn results. I myself was instrumental in establishing elds of Scotland. (Great applause.) How then an agricultural society in the West Indies, [Cheers] bes it come to pass, that the labours of their de- which has already done much to revive the spirits endants here have been awarded by a return so of the planters; and I shall be very much disappuch more immediate and abundant? I believe pointed indeed if that society does not prove the at the true solution of this problem is to be nicaus, before many years are past, of establishand in the fact, that here for the first time the ling the truth so important to humanity, that even pliances of an age, which has been prolific be- in tropical countries, free labor, properly applied, under a good system of husbandry, 13 more economical than the labor of slaves. [Great Cheer-

And, gentlemen, I repeat it, I do not see why When the nations of Europe results equally beneficial should not follow, from the establishment of the Provincial Agricultural Society in Canada. But in order that it may be rendered so useful, it must be supported-it must be supported not only by pecuniary contributions, but also by contributions of information. societies, as it appears to me, have two very important functions to discharge On the one hand they may be made the means of diffusing sound views upon the general principles of agriculture, among the lower population, and on the other hand they may be made useful to the country, by collecting tog-ther the local experience of practical men, digesting them and putting them into a shape in which they may be made generally available. I persuaded the general Agricultural Society of Jamaica, with this view, to cause forms to be printed, on which the results of experiments made by privileges of manhood. Canada, with the practical agriculturists could be easily and sucom of youth yet upon her cheek, and with cincity described. These forms were transmitted to the local societies, and by them distributed to the experience of age. She may avail her-If, not only of the capital accumulated in older farmer interested in this art, (and when I look at contries, but also of those treasures of knowledge, the intelligent countenances around me, I feel how much have been gathered up, by the labour and many there must be here, who are sensible of the dignity which attaches to the pursuit in which they are engaged, and who do not follow it as a mere Now, gentlemen, what is the inference that I his art had, through these forms, an asy and simple method of describing the results of any experiat I would endeavour to impress upon you? It ment in cultivation which he might have made. this. That it is your interest and your duty

These documents, when filled up, were transmitted
to the local societies, who appointed committees to
report upon them, and the reports, with the data on oil, so richly endowed by nature, all the appli- which they were founded, were finally transmitted aces of modern art; to refuse, if I may so ex- to the central society, who were enabled to state ress myself, to convert your one talent into two, the results of general information. I think this by a more skilful application of the true prin-plan a good one and worthy off mitation; but, ples of husbandry, or by the greater economy of gentlemen, I feel that I am getting into details,

and that there are many persons here present who of this Upper division of the Province, towards

no, and cheers.)

I think that I have assigned ample reasons to justify me in hopin that you will join with me in drinking success to the Provincial Agricultural Association of Upper Canada (Cheers) This, gentlemen, is the first time, on which I have had an opportunity of being present at the Agricultural meeting in Canada, I trust it may not be the last; and if we shou'd ever again have the good fortune to meet together, I trust that our re-union may be characterised by the same zeal, the same unauimity and kindly feeing which has marked this; and hat their may be such addition- to the number of the erticles exhibited, and such improvements in their qualities, as will show that the Provincial Agricultural Association has not existed in vain (His Excellency resumed his sept amidst the most enthusiastic and long continued cheering.)

By H's Excelency the Governor General. Prosperity to the Agricultural Association of Upper

This toust was responded to by the Vice President, The Hon. Adam Ferguson, in a selections speech, during the delivery of which the Honorable gentleman was repeatedly cheered. He observed that the few words he would say, come from his heart. After the most eloquent and highly patrione address of H s Excellency, any thing he could say must fad to interest the Company. Allading to the unfortunate state of the weather, he would take the liberty of stating to His Excellency a fact of which His Excellency weather, and the admirable arrangements of the had no personal experience, that there was such Committee on the Snow grounds, he asked a thing as " sun-shine in Upper Canada" Al-, where would we have been to-night, but for the though His Excell-ncy had seen much at the exhilation, that was well worthy of attention, yet he could as yet form no estimate of the vast resour-ces of the Province. He could direct his Excellency to farmers who had recently sown from 200 to 300 acres of wheat, from which they ex- would therefore prepose as a toast, pect d to reap thirty bushels per acre. He aimided a The Local Committee at Ham to one farmer who had pocketed 25,000 pounds; f on his hot pen, during the past year. It affor member of the commutee. ded him sincere pea-ure to wingers a nobleman, i entrained with the towernment of this Colony, the Beach of Up or Conada" (second only to the Vice Royalty of Irelands). The Chief Instice said, when he accepted the who made such praise worthy exertions to become invitation to jo'n them this evening, it was with the who make suce preservating exercises, the invitation to jo a mean this evening, as not to be called the feelings, and inverses of those over whom he distinct understanding that he was not to be called the feelings, and inverses of those over whom he distinct understanding that he was not to be called the feelings, and inverses the feelings of a speech. The honesty of the farmer was appointed by the favor of our Sovereign to two provedual; but the position in which he fous the position in the feelings and the overeign to the feelings. would prove as grantying to His Excelency, as it was flattering to this large and intelligent assembly. He concreded by proposing the followtoas: :-

President, Major Campbell."

Major Campbell returned thanks. He was well aware that the enthusiasm with which the toast highly delighted with the exhibition of Stock, had been received, was not on account of the wich as the specimen of Ag icultural and Hartical individual named, but was wholly owing to the twal products, and the specimens of Manufacture very friendly feelings enterialned by the people and works of Arts that were displayed on the Shot

are better able to handle them than myself. (N., the inhabitants of the Lower. He was quite dehighted to witness this manifestation of kindly eeling; the more these leelings are cherished the better it will be for us all, by rendering the Union what it was originally designed to be, a union of feeling among all the people of the Province, acting together for the promotion of the Common weal. (Cheers) The Agricultural Associaweal. (Cheers) The Agricultural Associa-tion of Lower Canada, of which he had the honor to be President, was formed in consequence of the establishment of this Association. circumstances of the two sections of the Province are at present different. In the Upper Province, new comers are continually arriving from the old world, a vast number of whom are gentlemen of wealth and inteligence, who bring with them capital, skill, and a knowledge of the modern improvements to the aris and sciences, thereby contributing very materially to your advancement. An impetus has also been given to the cause of popular Education, which is now diffusing its blessings throughout the entire commune ty. (Cheers.) We have not had heretofore such advantages in the Lower Province, but a happer day for as a comma, as every parish has now a school, and we hope soon to have model farms, where the young habitant (which is synonimous with peasunt or agriculturist,) may learn what is hest to fit him for the proper pursuit for his honorable calling. (Cheers.) He would not take un the time of the company with a long speech, and reterring to the untavourable state of the Local Committee, to whose exertions we are indebted for the erection of this spacious Pavilion, in which we are now assembled, and but for which we should not have had a place to meet in for this most agreeable entertainment. He

> " The Local Commuttee at Hamilton." The toast was responded to by Mr. S. Kerr, a

" The Honorable Chief Justice Robinson, and

himself now placed, p eved how little faith was h : be put in p'edges. [Cheers.] They could no complain if he shou d not inflict upon them a long speech, but he would not take that revenge. "Prosperity and success to the Agricultural had always felt a deep interest in agricultural in "Prosperity and success to the Agricultural provement; but he was ashamed to admit that the Association of Canada Brat, and its worthy Society had been a perrin existence befor e had eh. i enrol'ed his name amo g ils members.
now a life member of it. [Cheers.] e WL !

mounds, which marked the rapid progress the counme a rother, and by the tubirchang- of opinion, an i cursued, enable them to adopt these improvements rately went beyind the linus of their respective [Che is] ance, and to benefit by what they withessed at its annual meetings [Caec s.] He congratulated the Company upon the hour done them by the Couness of Eigin, on this occision, and also upon hiving been the first in Uiper Canada to give His Erc-llency, the Governor General, a public weltime. [Ciecra.] The reception given to His Erce'l ney was most enthusia-tic; his high rank, and his being Her Mujestie's Rep esentative, were which to secure him this; but he could not besere that much of the farvor manifest-d on this oceasion was drawn forth by the rare pe smal qualiies and a comp ishments pressed by His Excen-iency. [G ex Choers.] R nk and title ought, undoubtedly, to insure our respects; more especially when combined with the high order of talent which his Excellency possessed. To use the words of the his Excellency possessed. To use the words of the Scottish poet, "rank is but the game at mp, a man's a man for a' that." [Lind Cheering.] Many years ago, attempts were made to form an analysis of the state of the And more to the purpose that he coad. [Cries our disappoin me I was great indeed, a not having fine, no, no, -30 on.] With some for her remarks, had the opportunity afforded us. [Covers.] In the concluded with the following toast:—

Conclusion, he would propose as a conclusion.

e Prosperity to the British American Colosies."

Ex-Consul Buchanan responded to this toast in every humerous speech, which caused great merament to the company.

The Agricultural Society of the State of New York, and our friends from that State.

Mr Allan, of Black Rock, responded. He says that altho' he lived bout twenty years on the

penetrated so far into Upper Can da. by was making. Among other bench a which the that is coming amongst us, he would be coming Associa ion would confer, is would bring the people into a strange land, and among a strange people, from al. parts of the Province into contact with but he was agreeably disappointed—he found himself among friends. He had the pleasure of knowthe comparison of the different mades of ou treation ing some of the gentlemen present for the last twen y years; but his estimate of the real situ :that were found to be the best, and most adapted tim of the people and institutions, and the state of the our soil and climite. - [Cheers.] For the late Agriculture, Manufactures and the Arts in Company and the Arts in Com twenty-five y are he had been making an annual ada, was very imperfect indeed. While sitting here circuit of the Pratince in the discharge of his for the last three hours, fistening to the ab g pricial office, a d he had herefore the most favor , speece ies and noble sentiments that were delivered, the oppor utities of observing the remarkable pro- he had been impressed with the most profound regress the country was making; and he was satis- spect for the institutions of the country, and the field the inhabitants of the several distitute, who proclical good sense of the people of Upper Conada When he saw around him the Respredistricts, but confined their business to the district, sentative of Royality, the Members of the Colonial owns, had but a very indifferent estimate of the Legisla ure, and the distinguissed ernoment of the rast importance of the country which it was Coomai Bench, taking an active part in the pro-their good for one to i habit. —This Association coedings of this Association, how could be feel rou'd enable all of them to extend their acquaint-otherwise than deeply impressed with the most presound respect for our institutions, and how could he escape giving expression to an honorable prid. tha he belonged to a coun ry, speaking the same language, des et did from the same ancesters, and governed by similar inst totions and laws. [Great cacering.) He was highly pleased with the exhibitio, he considered the cat le and sheep to be very superior indeed, and many of the specimens of manufactures and implements were most excellent. He ho, ed at the fu u e Fairs of the Agr cultural Socie y of the State of New York, to see many representatives from this Province, and that they would bring with them not only their stock to exhibit and compete with theirs, but also be accompanied by their nives and daughters.-[Chrers]-Whatever was considered best in the country, of th ir ancestors, they had adopted in the United States. They could beast of their South Downs, their Cheviots, their Devenshires, their Durhams, and cicir Ayrshires; and to tele you the truth we Agricu tura' Socie'y in this province, but those at- have got every thing British among us, that we contempts were not very successful; and it was only ceive o be good for any thing [Cheers], and in this ster years o' effort that a D strict Society spung sage of improvement, whatever the r- is new and sp, and similar ones were subsequently formed in with importing, discovered or produced in Great ther districts, util at length we witness as the Briain, we are eager to in roduce among us.—saults on laued perseveran e, the existence of this [Cheers] We indulged the hope that his Excenfravincial Associatio, which I trust may before; ency the Gaverna General, wou d have saved our bag be followed by an Agrica tural Association explained at Sara-oga; had he done so, the receptanding over the whole of the Britis i Nor h Ameri-, tion we should have given the Excellency, would can Calmies. [Cheers.] He would not longer and he been less embusasic than that which he respass on heir times, as he was well aware that has experienced a your hands. We would have here were many persons present who now despeak given him a right hearty tanker welcome. And

" Prosperity to the Canadas, and God bless the Queen."

" Commerce, Manufactures, and Agriculture of Upper Canada!

Mr. Gamble introduced the mast with a few observations, which were mandable to us; and, win he sat down, there was a general call for Mr. McKechnie to reply, but he had previously banks of the Niagara, this was the first time he had left the company .- From the British Colonist.

LIST OF PRIZES DISTRIBUTED, OCTOBER 8TH,		CLASS C.—Horses (continued).
1847, by the provincial agricultural	No.	description. Trenity
ASSOCIATION OF UPPER CANADA, AT THE	126	second do John Elliot, Pickering £6
CITY OF HAMILTON.	234	third do A. Johnstone, Burtord,
CLAS: A-Horned Cattle Durhams.	ļ	13 vols. Albany Cultivator.
	1409	best three year old Staluon for agri-
No. pescription. premiums.		cultural purposes, R. Williams,
221 best aged Bull, E. Musson, Etobicoke £7 10	!	Stamford 5
812 second do John Smith, Hamilton 4 0	473	second do Thos. Renwick, Brantford 3
783 third do Wm. Atkinson, Guelph	792	third do W. Armstrong, Markham,
Far. Jour. of Ag.		Far. Library and Jour of Agri.
461 best Bull calved since Jan., 1845, the	1	best two year old Stallion, W. Miller,
Hon. A. Ferguson, Woodhill 5 0	i	Pickering
	1407	second do James Gage, Barton 2 third do Samuel Bird, Nelson, Fac.
1526 third do George Miller, Markham,	950	Encyclopedia.
Am. Far. Encyclopedia.	270	best thorough bred Stallion, Wm. H.
198 best Cow, milk or in calf, J. Howitt,	•	Boulton, Toronto 5
Guelph 5 0		second do J. W. Ruchie, Sinicoe 3
itt tooriaass. It illiamo, garemen it		third do G. Stanton, Former Ency.
449 third do William A. Gott, Ancister	1000	also Gar. Agri. Dictionary.
Far. Library for 1846.	566	best brood Mares, J. Conan. Waterloo 5
466 best three year old Heiler in Calf, Hon. A. Ferguson, Woodhill 4 0	955	second do J. S. McCallum, N-lson 3
13) second do Nathaniel Davis, Yonge-st. 2 to	591	third do Mr. Peleg, Hann. on, 5 vols
105 third do do	-	American Agriculturist.
1st and 2nd vol. on Brit. Has.	25	best Span Matched Horses, James
462 best Bull calf not over one year old,	1	Younge, Seneca, G. D 4
John Wetenhall, Nelson 2 0		second do Michael Segar, Loudon 3
199 second do John Howitt, Guelph 1 5	101	third do James Younge, Seneca
129 third do Nathaniel Davis, Yonge-st.		Far. Library of Agriculture.
Gar. Ag. Dictionary.		CLASS D-Sheep.
200 best Heiser calf not over one year old,	10	best aged Ram, Leicester Sheep, W.
John Howitt, Guelph 2 (1)	1	Miller, Pickering£5
201 second do do do 1 5	217	second do R. McCallum, Chinguac. 3
63 third do J. Taylor, York Township,		third do Wm. Beatie, Westminster
Youitt on Cattle.	-	5 vols. Amer. Agriculturist.
366 best yearling Heiser, George Miller,	123	best Pen Ewes, W. Miller, Pickering 5
Markham	11	second do George Miller, Markham 3
879 two year Heiler, Wm. Davis, Nelson	59	thir do J. Taylor, York Township
Diploma 1 0		4 vols. Albany Cultivator.
Mr. Howi t's fat Cow, a D ploma.	63	best Pen Ram or Ewe Lambs, Jomes
	7.0	Taytor, York Township
CLASS B-Herefords Devons, &c.		second do George Miller, Markham. third do do do do
621 best aged Bull, J. Walker, Tal. Dis. £7 10		best Rams, South Downs, R. Gordon,
455 second do J. Dougall, Wes. Dis. 4 0	10	Paris
902 best 2 year Bull, J. B. Ewart, Dandas 2 0	ear l	second do John Wetenhall, Nelson 3
471 second do G. Stanton, St. George 1 5		third do J. B. Ewart, Dundas, Far.
473 third do Phineas Henry, Bmbrooke		Library and Jour. of Agri.
Youatt on Cattle.	20	best Penaged Ewes, R. Gordon, Paris 5
624 best one year old Bull, G. Waters 2 06625 second do do do 1 5	406	scion I do R. Gairdum, Flamboro' W. 3
903 third do J. B. Ewart, Dundas,	109	third do E. Jones, Stamford, Far.
4 vols. Am. Agr culturist.	i	Encyclopedia.
905 best Cow, milk or in calf, J. B. Ewart,		best Pen Lambs, R. Gordon, Paris
	4115	second do R. Gairdum, Flamboro' W.
472 second do G Stanton, St. George 3 0	13//	best Saxon or Mermo Bucks, M.
904 third do J. B. Ewart, Dandas, Far.	000	Charlton, Dumfries
Encyclopedin.		third do P. Spaun, Ancaster, 6 vols.
35 best fat Cow, J. P. Page, Wellington	1 "	Transactions N. Y. Agri. Society.
Square, a Diploma.	796	best Pen Fat Sheep, R. Wade, Cobourg 3
CLASS C—Horses.		second do J. Cade, Oshawa 2
23S best aged Stallion for agricultural		third do T. Cleaver, Mt. Pleasant
purposes, Mrs. Ward, Etobicoke £10 0	l	5 vols. Amer. Agriculturist.
• • •		-

	CLASS E-Pigs.	CLASS F Implements (continued).
yo.	DESCRIPTION. PREMIUM.	,
974	best Bonr, Wm. Gage, Barton £5 0	
970	second do Joseph Ircland, Nelson 3 0	Etobicoke£2 10
973	third do Phineas Henry, Binbrook,	1323 second do Robert Walker, Hamilton 1 10
	6 vols. Tran. N. Y. Ag. Society.	502 third do T. Morris, W. Flamboro',
1320	best Breeding Sow, James White.	Farmer's Encyclopedia.
	Trafalgar 5 0	594 best Horse-Rake, Peleg Bowen, Clark 0 15
110	second do S. Parker, Queenston 3 0	
1205	third do Joseph Peers, Woodstock,	Toronto 7 10
	Farmers' Encyclopedia.	150 second do do 5 0
	CLASS F-Implements.	1467 best Stump Extractor, John McLarin, Nelson
993	best Wooden Scotch Plough, David	
	Boyle, Toron:0£2 10	991 second do do 1 10
151	second do John Bell, Toronto 1 10	495 best Mowing Machine, P. Murdock,
155	third do do do	Ancaster
•••	Far. Lib and Jour. of Ag. 1846.	1239 best Potatoe Digger, John Peters,
223	best Iron Scotch Plough, D. Boyle,	Eramosa
	Toronto 2 10	992 best Farm Gate, J. Lewis, Salifleet - 1 10
17	second do John Gilray, Scarboro' 1 10	1228 best Farm Fence, George Kempshell,
1366	third do Wm. Grassie, Far. Library	Weston
	and Jour. of Agri. 1846.	1229 second do do do 0 15
1543	best Canadian Plough, W. Brown,	CLASS G—Domestic Manufactures.
	Nelson 2 10	31 best Hand Rakes, half dozen, R.
540	second do B Pickard, Hamilton 1 10	Baker, Waterdown - £0 15
840	third do J. Lawrence, Palermo Far.	540 second do Hiram Ranney, Dereham 0 10
cea	Library and Jour. of Agri. 1846.	710 best six Narrow Axes, Wm. Boyce,
610	best Subsoil Plough, George Bryce,	Galt 0 15
. 170	Brantford	224 second do Samuel Shaw, Toronto - 0 10
571	second do John Bell, Toronto 1 10 best Harrows II. Lutze, Saltsleet 2 0	226 best six Manure Forks, Sam. Shaw,
150		Toronto 0 15
	third do F. Kent, Chinguacousy,	1233 second do McCulloch & Co. Brock-
	3 vols. Farmer and Mechanic.	ville 0 10
712	best Fanning Mill, David Thornton,	225 best six'Hay Forks, S Shaw, Toronto 0 15
l	Galt 2 10	1287 second do McCulloch & Co., Brock- ville 0 10
526	second do McTagart and Murray, St.	1285 best six Scythe Snaiths, McCulloch
	Thomas 1 10	& Co., Brockville 0 15
983	best Horse-power Thresher and Sepa-	32 second do R. Baker, Waterdown - 0 10
1	rator, McDonald, A. Stewart	1286 best Grain Cradle, McCulloch & Co.
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475	third do W. MacKinley, Flamboro'	1289 best six Grain Shovels, McCulloch &
	West, Far. Lib. and Jour. of Ag.	Co., Brockville 0 15
1380	best Drill Barrow for Sowing, G. R.	433 beat set of Farm Harness, W. David-
	Penfold 2 10	son, Hamilton 1 10
874	second do Thomas Gardner, Clark 1 10	432 second do do 0 10
50%	third do J. Ainslie, Galt for a Broad	440 third do E. McGivern, do
000	Cast Sowing Machine, Gar. Ag. Dic.	Gar. Far. Dictionary.
565	best Scarifier, G. Bryce, Brantford 2 0	434 best Sett Pleasure Harness, William Davidson, Hamilton 1 10
120	best Straw Cutter, Nevans Jones,	439 second do E. McGivern, Hamilton - 1 0
•	Esquesing 2 10	437 third do do do
552	best Cultivator, B. Pickard, Hamilton 1 10	1 vol. Far. and Mechanic.
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490	third do Wm. Miller, W. Flamboro'	Hamilton 1 0
	Allen's American Agri.	431 second do Wm. Davidson, Hamilton 0 10
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	second do James Gage, Barton 0 15	vol. Far. and Mechanic.
990	best Corn and Cob-Crusher, Gurney	180 best Side Sole Leather, U. Harvey,
1100	and Carpenter, Hamilton 1 5	St. Davids 0 15
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1137	third doW. G. Edmundson, do	181 third do do do
	1 vol. Farmer and Mechanic.	1 vol. Albany Cultivator.
•-	ينوايا والمرابع ويمضيه هماني المحاضوات المواددة فالم	and the second section of the second section sec

Carro C. (southward)	Constitution in
CLASS G. (continued).	CLASS II.—(continued).
NO. DESCRIPTION. PREMIUMS.	
418 best Side Upper Leather, Clement & Moore, Hamilton £0 15	1348 best Broad Cloth from Wool Shorn in Canada, S. E. McKechnie, Cobourg £3
416 second do do	1338 record do do do 2
183 third do Ursum Harvey, St. Davids,	1347 third do do do do
Allen's Amer. Agriculture.	6 vols. N. Y. Agricultural Trans
	1351 best 12 yards Winter Tweed, S. E.
Davids 0 15 424 second do Clement & Moore, Hamil-	McKechnie, Cobourg
	1344 third do do do
426 third do do do do	Johnston's Agricultural Ghemistry
Buell's Far. Instructor.	1304 best piece Woollen Cloth, fulled and
1245 best Skirting Leather, John Holmes, Chinguacousy 0 15	finished, Barber & Bros. Esquesing, 21 1306 second do do do 11
191 second do Ursum Harvey, St. Davids 0 10	1306 second do do do 1 l 1111 third do J. W. Gamble, Vaughan
190 third do do do	3 vols Trans. N. Y. State Ag So.
1 vol. Far. and Mechanic.	1271 best sample Flax and Hemp Cordage
420 best Side Harness Leather, Clement	Alexander Ferrier, Malton, 1
& Moore, Hamilton 0 15 562 second do Robert Forbes, Waterloo - 0 10	261 best 40 lbs. Flax, T. B. Gracey, Eto- bicoke,
419 third do Clement & Moore, Hamil-	•
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661 second do W. H. Giasco, do 0 10 659 third do W. H. Glasco, do	S. E. McKechnie, Cobourg, 2
Gar. Far. Dictionary.	CLASS I-Dairy Produce and Sugar.
655 best three specimens of Shocmakers'	1579 best Canadian Cheese, Mich. Charl-
Work, J. B. Dayfoot, Hamilton 1 0	ton, Damfries 21
454 second do do do 656 third do do do do	539 second do. II Ranney, Dereham, 11
Farmers' Companion.	1514 third do. Warren Harris, Inger-
438 best Single Picisure Harness, Edw.	solville, Far. Lib. and Jour. of Agri. 1295 best Gloucester, H. Parsons, Gue'ph, 21
McGivern 0 15	801 second do. RalphWade, Cobourg, 11
819 second do W. G. Clark, Prince Edw.	80 best Butter, Joseph Ross, York T'p, 21
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	1004 third do George Wells, Nelson,
	1422 (ourth do. J. Chitton, Flamboro' W. Di. 627 fifth do. Vickers Peart, Di.
Barber & Brothers, Esquising - 1 0	1007 sixth do. P. Mackerlie, Binbrook, D
1311 second do do U 1U	1206 best Maple-sugar, J. Peers, Woodstock 21
1510 fillid go go go	1539 second do. Raiph Wade, Cohourg, 11
1330 best twelve yards Finnel, S. E. Mac-	216 third do. John Bates, York Town-
Kechnic, Cobourg 1 0	ship, Skinner's Jour. of Agriculture.
I331 second do do 0 10	CLASS J—Cabinet Ware.
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I vol. Far. and Mechanic. 1329 best Woollen Blankets, S. E. Mac-	601 second do do do 0 1 602 best Sofa, do do 1
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1352 second do do do 1 5	603 best Fire Screens, do do
1333 third do do do do	1200 best Dining Table, do do I
Ure's Dictionary of the Arts.	1201 best Easy Chair, do do 1

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). DESCRIPTI		NO.	DESCRIPTION. PREMIU	MS	
30 Greatest varie Hayden, To	ety of Apples, William	£l 0	91	best 6 Egg Plants, the only sample, very inferior, J. Fleming, Toronto.	
120 third Wm.	es, Toronto Township, Breemer, Simcoe, Gardener's Assistant.	, 0 10	317	best Blood Beets, B. Page, Hamilton £0 second do. James Stephens, Toronto 0 third do. do. do.	
	e Apples, W. Hayden,			Fruit Cultivator's Manual.	
403 second A. Ca 29 third James	nse, Barton,	0 10	, 620	best White Onions, J. Dynes, Saltsleet 0 second do. Wm. Reed, Hamilton, 0 best Yellow Onions, W. Hayden,	
56 best 12 Winte	er Apples, T. Adams, 1008		700	Toronto, 0 second do. Wm. Reed, Hamilton, 0	
315 second J. F.	Moore, Hamilton,, York Township, Book.	. 0 10	1	third do. Anthony Stephens, Gueiph, American Orchardist.	
32 best 12 Tal	le Pears, 'Belmont,"	•	ţ	best Red Onions, Israel Hopkins, Flamboro' W 0	10
31 second do 319 third Wm.	lmot, Clarke,do	. 0 10		second do. John Hewitt, Guelph, 0 third do. W. Hayden, Toronto, Florist Culturist.	5
Gardener's 2	nanuai. iter Pears, Wm. Gage,		95	best 12 Roots Salsify, Jas. Fleming, Toronto,	10
Barton,	•••••	0 15	139	second do. Alex. Shaw, Toronto, 0	5
	el Wilmot, Clarke, Hayden, Toronto, Gar-		534	best peck White Turnips, W. Hayden, Toronto, 0	10
	nt of Culinary Vege.a-			second do. Henry Turner, Toronto,. 0 third do. James Stephens, do.	5
179 second Henry 67 third James		0 10	264	1 vol. Amer. Agriculturist. best peck White Beans, T. B. Gracey, Etobicoke,	10
-	Gardener's Assistant. nt of Vegetable Roots,		1033	second do. Edward Evans, Fiam- boro' East, 0	5
James Flem 600 second Richa	ing, Toronto,	1 0 0 10	86	third do. James Fleming Toronto, American Gardener.	J
40 best Brocoli, 280 second do. 452 third do.	B. Page, Hamilton, H. Turner, Toronto, do. do.	0 10 0 5	l	best collection Green House Plants, Wm. Gordon, Toronto,	0
Kitchen Gar	dener.	0 10		second do. D. McDenald, Toronio,. 0 third do. W. Gordon, do.	10
614 second do. E	. Kennedy, Hamilton,.	0 5	Ì		
282 third do. H Kuchen Gar	lenry Turner, Toronto, dener.			EXTRAS COMING UNDER THIS CLASS.	
Bl best 12 Drum 314 second do.	head Cabbage, do. do. James Stephens, do.		293	best basket Hamburg Grapes, H. Tur- ner, Toronto, Diploma.	
292 third do. Kitchen Gar	Henry Turner, do. dener.		458	selection of Foreign and Native do. J. Dougall, Diploma.	
blo second do. E	. Kennedy, Hamilton,.	0 10 0 5	1550	fair sample Native Grapes, Joseph Rogers, Toronto, Dipioma.	
American G	mes Stephens, Toronto ardener. Carrois,W. Hayden, do	0.10		Peaches and Pomegranates, very large, J. Dougall, Diploma.	
89 second do.	James Fleming, do. J. F. Moore, Hamilton,	0 5	1225	Six Sugar-loat Cabbages, Jn. Dynes, Salifleet, Book.	
Fruit Cultur	ist.	0.10	,	peck fine Yellow Turnips, do. 5s.	
515 best White Co 27 second do. 801 third do.	elery, do. do W. Hayden, Toronto, W. Reed, Hamilton,			peck Victoria Green Peas, W. II. Boulton.	
Kitchen Gar	dener.	0.10		three good Cucumbers, A. Baker. good collection German Stocks, E.	
26 second do. 792 third do.		0 5	l	Kennedy, Hamilton, Diploma. fine collection Native Grapes, Isabella	
American G	ardener.		1	L. Willson, Trafalgar, Diploma.	1

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CLASS L Seeds and Roots.	CLASS L Seeds and Roots (continued).
NO. DESCRIPTION. PREMIUM	
1037 best 2 bushels Winter Wheat, Clarkson	No. DESCRIPTION. PREMIUM. 1542 best bushel Sugar Beet, Barth. Page,
Freeman, Flamboro'£2	11 Hamilton
(143 second do W Dock Port Credit 1	5 1516 second do E. N. & J. F. Moore, do 0 5
825 third do D. R. Springer, Nelson	318 third do James Stevens, Toronto
C Former's Library	American Agriculturist.
140 best 2 bushels Spring Wheat, Alex.	673 best half dozen Pumpkins, T. Hatt,
Constant Shaw, Toronto Shaw, Toronto	Ancaster 0 10
320 second do W. F. Weise, Prince Ed.	1400 second do Elisha Harris, Salifleet 0 5
District	5 674 third do Thos. Hatt, Ancaster
	American Poulter's Book. 875 best half dozen Squash, Geo. Wills,
Trans. N. Y. S. Agr. Society. 1046 best 25 bushels Winter Wheat, Clarkson	Nelson 0 10
Freeman, Flamboro' 25	666 second do Richard Fish 0 5
826 best 2 bushels Barley, D. R. Springer,	148 best Clover Seed, A. Shaw, Toronto 1 0
Nelson 0 1	874 best Buck Wheat, G. Wills, Nelson 0 10
) 304 second do J. Carpenter, Saliffeet A	CLASS M Iron and Hollow Ware.
(1052 best 2 bushels Oats, Jacob Inglehart,	•
Saltfleet 0 10	85 Smut Machine, A. Duncan & Co.
/ 1~00 Second do 1. Anderton W. Flambo' A	
1123 third do W. Beemer, Simcoo	Toronto 0 15
Albany Cultivator. 141 best bushel Peas, A. Shaw, Toronto 0 16	163 second do de do U10
6-9 second do J. Willson, Trasalgar. 0	
24 third do C. E. Chadwick, Oxford	1 vol Farmer and Mechanic.
Allen's Amer. Agriculture.	165 best Carriage Hames, J. Westman,
142 best 2 bushels Indian Corn, Alex.	Toronto
Shaw, Toronto 0 10	1 166 second do do do U 5 249 Fancy Cooper's work, J. W. Bevan,
335 second do W. F. Weese, P. Edward) m
District 0 4 629 third do W. Horning, Barton	349 Axe Handles, W. F. Weese, Prince
1 vol N.Y. State Trans. A. S.	Edward District 0 10
688 best Timothy Seed, John Willson,	407 1 Hot Air Apparatus, John Mills,
l Trafalgor 0 16	of St. Catherines
(1000 second do James Durand, Dundas ()	1 510 Balance Scales, D. J. Richardson,
201 third do T. B. Gracey, Etobicoke	Hamilton 1 10 512 second do do do 0 15
Allen's Amer. Agriculture. 268 best bushel Flax Seed, T. B. Gracey,	512 second do do do 0 15 511 third do do do
E:obicoke 0 10	
143 second do Alex. Shaw, Toronto 0	513 Head Blocks for Saw Mill do do 0 le
84 best Bag Heps, J. Ritson, Oshawa 2 10	715 Portable Fire Engine, J. Wagstaff,
78 second do Thomas Buttery, Toronto 1 10	Brantford diploma and 1 lo
76 third do J. Nightingale, Yonge-st.	1 716 Engine Hose do do UR
Farmer's Encyclopædia.	593 best Churn Oval, P. Fraer, Dundas 0 lt
1272 best 2 bushels Potatoes, John Dynes,	1214 second do W.Woolcot, Smithville 0 5 731 third do R. Bleazard, Hamilton
Salifleet 0 10	Trans N V State Art Society
871 second do James Bell 0	851 best Oval Wash Tub, Cruthers & Co.
630 third do Wm. Horning, Barion Farmer's Instructor.	St. Catherines 0 16
	733 second do R. Bleazard, Hamilton 0 5
100 best 2 bush Swedish Turnips, James Fleming, Toronto 0 10	735 Washing Machine, R. Bleazaid do 0 le
1576 second do M. Charlton, Dumfries 0	T COO OCCI COIOC Tail, Craineis to ser
1559 third do W. Ewing, Brantford	St. Catherines
Complete Farmer.	737 third do do do
519 best bushel Carrots, P. Fisher, Nelson 0 10	
1450 second do Jos. Rogers, Toronto 0	
89 third do James Fleming, do	740 best Fancy Foot Bath do do
Albany Cultivator.	739 second do do do 0 5
516 best bushel Mangel Wortzel, Peter	742 third do do do) 743 Sugar Bowl do 1s. 3d.
Fisher, Nelson 0 10 580 second do J. Carpenter, Saltsteet 0 5	
1144 third do J. B. Osborne, Beamsville,	Toronto 0 5
Complete Farmer.	756 one Racing do do do 0 5
•	•

	CLASS M. (continued).	1		CLASS N. (continued).
٠	DESCRIPTION. PREMIUMS	١,	7.3	
•	Mouthing Bit, D. Westman, Toronto £9			
ı	Stallion do do 0 8	5	-	Raised Worsted Work, Miss Langs, Windham
ı) i	ひざい	second do M. M. Ryerson, Hamilton 0 10
	one Washing Keeler, Cruthers & Co.	5	774	Worsted Screens, Miss Stevenson,
	St. Catherines 0 9	<u>.</u>	849	Port Hope second do Mrs. T. Adams, St. Cath.
)	wooden Screws, J. McLaren, Nelson	1	510	Woollen Mutens, E. S. Whipple,
i	test Cooking Stove, Gurney & Co. Hamilton	1		Hamilton 0 15
	second do McQueston & Co. do 0 15		073 073	second do M s P. Howell, Ancas er 0 10
	do do	1		Danestic Daties.
}	1 vol Farmer and Mechanic. best Parlour Stove, Laurence & Co.	1	079	Embro'dery, Mrs D. C Van Norman,
1	Palerno 1	١,	กฉา	Hamilton
ì	second do T. Towers, St. Catherines 0 15	li	372	Fancy Neiting, Miss Marshall 0 15
	taird do Gurney & Ca. Hamilton	1	252	Second do Mrs. J. N. Martin
	Trans. N.Y. State Ag. Society.	1		Hamilton 0 10
į	Brick Machine, A. Adams, Montreal 2 10		400 212	
	or Com Drooms, Orm Braynan &	11:	250	Specimen Fancy Embroidery, Mrs.
î L	Co., Hamilton 0 15	Η.,		Martyn, Hamilton 0 15
	econd do do do do 0 5 sest Cut Nails, R. Juson & Co., Ha-	į.	23 I	second do do do 0 10
	milton 0 15			Class O.—Fine Arts.
	cond do do do 0 10	14	125	best Oil Painting Portraits, P. March, Toronto - £2 10
	Allen's Amer. Agriculture.	İ		Toronto - £2 10
	copper Cut Nails, R. Juson & Co,	1		Toronto - £2 10 second do do do 1 10 third do do do
I	Hamilton, [7s, 6d])		Encyclo, of Domestic Economy,
į	rimping Machine, L. Foster, Galt. 0 15 Clamps, Lionel Foster, Galt 0 5	14	24	best 2 full length Oil Painting Figures,
	Choemakers' Lasts do do 0 5			P. March, Toronto, diploma 2 10 second do do do 1 10
1	Fowl. Piece, S. J. Green, Toronto 0 15	8	64	best Oil Painting Landscape, J. A.
į	fille do do 0.15 Proud do do 0.10			Saunders, Guelph - 2 10
ı	Chimney Top, T. Tout, Hamilton 0 5	10	65 39	second do do do 1 10 third do Mrs. D. C. Vannorman,
	22ddle Tree, McCulloch, Brockville 0 10	ľ	00	Hamilton, Ency. of Doni. Eco.
	cond do do 0 5		1	best Water Colour Portrait. Mrs.
	ss NLadies' Department, Useful		ο.	Stevenson 2 0 second do Mr. Meirs - 1 0
	and Ornamental.			second do Mr. Meirs - 1 0
	est Raised Worsted Work, Miss Robson, Clark£0 15	_		Ure's Dictionary of Arts.
	cond do Mrs. Martyn, Hamilton 0 10	3	34 1	best Water Colour Landscape, Thos.
	at Ladies' Shawl, H. Newburn,	าง	121	Young, Toronto - 2 0 best Crayon Portraits, MissThompson,
	Stamford		30 1	Toronto - 2 10
	and do do l		!	best Crayon Figures, Mr. Meirs 2 0
	ockings, T. B. Gracev, Etobicoke 0 15	14	26 I	best Pencil Portraits, Mr. Stevenson,
	wond do Mich. Charlior. Dumiries 0 10 l	110	02 1	Toronto best Pencil Figure Drawing, Miss
	ancy Woollen Jacket, Mrs. Hewlet, Toronto			Thornton, Hamilton - 2 0
	etted Baby's Cap do do	20)6 I	pest Pencil Landscape, Miss Thomp-
	aney Wood Scarf do do	96	7 .	son, Toronto 2 0 second do do 1 0
	raw Hat, John McLaren, Nelson 0 15 cond do M. B. Roblin, Prince Ed.			second do do do 1 0 sest Lithographic Engraving, Scobie
	District 0 10			& Balfour, Terente - 2 0
	ird do do Housekeeper's Manual	73	0 F	est Stuffed Birds, David Chambers,
	Voollen Socks, M. Charlton, Dumfr. 0 15 vond do W. F. Weese, Prince		1.	Hamilton - 1 0
	Edward District 0 101		U	Toronto - 1 0
	ird do E. S. Whipple, Hamilton	37	9 b	est Stained Glass, J Craig, Toronto 1 0
	Every Lady her own Gardener.	38	1 8	econd do do 0 10
				E .

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	CLASS F (continued).	ļ		CLASS U (continued.)
•••		1.	NO.	DESCRIPTION. PREMIT
XO.		1	459	second do. W. A. Gott, Ancaster, 20
13	best Specimens Graining, F. Jenkins,	1		third do. John M'Callum, Nelson,
1100	Hamilton	1	J~ L	Book.
1120	second do W. Breemer, Simcos	1	515	best Heifer, 1 year old, Peter Fisher,
	CLASS P Potteries, &c.	ļ	313	Nalson
717	best Bricks, Jos. Faikner, Hamilton £0 15	ı	459	Nelson, 1 second do. W. A. Gou, Ancaster, 9
	best Earthenware, John Bawl - 1 0		400	Carle Dall James Lames Reboun
	second do do - 0 10	1	892	Grade Bull, (extra) James Robson,
	third do do	1		Brantford, 3
020	Gardner's Farmer's Dictionary.	1		CLASS U.—Extras.
_		1		Box Segars, David Rose, Hamilton, 0
Cr	Ass Q Book-binding and Paper, &c.	1	652	Smoking Tobacco, do. do 0 Chewing do. do. do 0
21	best Specimen Book-binding, Ramsay	1	651	Chewing do. do. do
	& McEndrich, Hamilton - 1 10	1	663	3 pairs Gauntlets, W. II. Glassco, do. 0
391	second do Scobie & Balfour, Toronto 0 15		675	Cheese Press, Thomas Hatt, do. 0
	third do do do		679	Ladies' Saddle, Thos. Fleming, do. (
	Skinner's Farmer's Library.	ı	1356	Card Rack, D. B. Galbraith, do. !
1,120	best Writing Paper, A. & D. Crooks,	1	1381	Morticing Machine, John M'Alister,
1403			1382	
1 4 4 4		•		Confectionary, R. Ecclestone, Hamil-
		٠,		ton
	best Printing Paper do do 1 10		873	2 bushels Rye, J Anderson, G. Dist.
	second do do do 0 15	1	880	Fruit Drying Machine, James Lewis
394	best Letter-press Printing, Scobie &	Ų		Cotton and Woollen Quilt, do.
	Balfour, Toronto - 1 10		885	8 yds. Linen Diaper, Jacob Inglehart
	second do Rowsell & Thompson do 1 10	"		Wooden Pump, Garretr Howell, An-
399	third do Scobie & Balfour do	ı	COS	•
	1 vol. Ins. N.Y Ag. Society.	Ì	007	Model Grandstone, do do.
	CLASS R Ploughing Match.	[001	half-dozen Dowlas, Miss Watt, Paris
3.1		1		
11	James Boys, St. Catherines 5	٦İ		
•7				Lace Veil, Mrs. Galbraith, Hamilton
_) [894	Steel Bag, do. do.
Ţ	third do do James Johnson	1		Worked Lace Bag, do. do.
	Farmer's Lib. and Jour. of Ag.	-{	900	Saw Mill Dogs, M'Questen & Co.
	for 1845 and 1846.	Į		Hamilton,
	best Plowman, under 18 years of age,	۱,	1131	Lot of Peaches, M. Aikman, Barton,
		9		Pair Boot Trees, J. Soady, Toronto,
		0		Set Lasts, do. do.
	third do Benjamin Piott	١		Sot Socket Chisels, S. Shaw, do.
	Farmer's Lib. and Jour. of Ag.	١	657	Copper Pegged Boots, J. B. Dayfoot,
	for 1845 and 1846.	١	232	1 piece Factory Cotton. Rev. J. B.
	CLASS S Cattle, Native Breed.	I		Fuller, Thorold,
022		0]	210	Entire set of Artificial Teeth, with
933	second do. James Darand, Dundas 1 10			other Teeth, C. Rahn, Toronto
		٩I	431	Gent's Saddle, W Davidson, Hamilton
935	third do. Francis Jenyck, Binbrook	ı	436	Side do. do. do.
000	Book,	- 1	443	Gent's Saddle, E. McGivern, do.
939	best Heifer, 2 years' old, W. Davis,	١؍	553	Road Scraper, B. Pickard, do.
		0	788	Double Carriage, J. M. Williams, do
		5	789	Single do. do do
	third do. du. do. Book.	١	428	1 Kip Skin, Clement and Moore, do
974	best Heifer, I year old, do 2	9 (725	1 Box B Soap, S. Smith, Galt, do
945		5	153	Imported Cutting Machine, J. Bell,
9 13	third do. do. do. Book.	ı		Socks and Stockings in lot, knit by
	CLASS T Grade Stock.	-	1	a blind Girl, J Webster, Dundas,.
514	best Cow, 4 years and over, Peter	-	877	Cotton and Woollen Coverlid, Wm.
314		0	١٠٠٠	Gage, Barton,
011	second do Lockhart Duff, Barton 1 1		1140	Lot Poultty, J. D. Hathaway, St. Ca-
		٦	1.70	therines, Diploma and
	l third do. A. S. Newburg, Book. best Cow, 3 years' old, George Will-		1.182	Locomotive, S. Fleming, Diploma,
A J J C	son, Guelph,	n		Moss Basker, Miss M. M. Ryerson,
010	son, Guerph,	5	****	Hamilton,
917	han Hader Overed ald Inc. Smith		951	Paiched Counterpane, Cruthers & Co
016	best Heiler, 2 years' old, Jno. Smith,	5		
	Hamilton, 1	J	•	St. Catherines,

ASSOCIATION OF UPPER CANADA, AT THE AN-TAL MEETING OF THE ASSOCIATION, HELD IN GENTLEMEN .-35 CITY OF HAMILTON, ON THE 9TH OF OC-JEER. 1847.

Moved by Samuel Clarke, Esq., conded by Sheriff Rutta nat the Honorable Adam Ferguson be Presiof the Association. Carried. Moved by John Wettenhall, conded by Wm. Matthews, Esq., hat Henry Ruttan, Esq., be Sentor Viceadent. Carried Moved by J. W. Gamble, Esq., conded by W. H. Merritt. tat John Wetenhall, Esq., be Junior Viceedent. Carried. Moved by Henry Moyle, Esq , conded by Samuel Clarke, Esq., tat W. G. Edmundson, be Secretary.

Moved by the Honorable Adam Ferguson. conded by Henry Ruttan, Esq., at W. G. Edmundson, be Treasurer.

Moved by Henry Moyle, Eag. conded by Henry Ruttan, Esq., at a vote of thanks be given to the late dent, Mr. Thomson, for his able conduct in mair. Carried. Moved by Henry Ruttan, Esq, conded by E. W. Thomson, au the ".xt Provincial Exhibition be held Town of Cobourg, on the first Tuesday, larsday, Thursday, and Friday of October, . Carried.

be following important document was preid to the Association, and a series of Resoas were adopted, and a Committee appointed be purpose of bringing about the object so desired by the Mill-owners, and others ested in the welfare of the agricultural ins of the Province :-

St. Catharines, Oct. 20th, 1847. ta meeting of Mill owners on the line of the and Canal, it was inlved-That Messrs. Jacob Keefer, Thomas lerritt, and James Park, be appointed a Comte, to draft a letter to the President and bers of the Agricultural Association, to be abled at Hamilton, on the 6th and 7th inst., ig forth the actual state of the respective ets in Canada and the adjoining States; and amending that measures most likely to are the value of the natural productions of ades of the borders, be taken into considerwith a hope that some effectual remedy be suggested. was also resolved-That a deputation, conof Messrs. John L. Ranney, Thomas R.

at, and Jacob Keefer, be appointed to pre-

the said letter.

GEORGE KEEFER, JUN., Chairman.

ESEDINGS OF THE PROVINCIAL AGRICULTURAL To the President and Members of the Provincial Agricultural Association.

The assemblage of the talent of the Province to promote that great interest in which nineteentwentieths of her population are engaged, appears to us a fitting opportunity to call attention to a lact which most materially affects that interest.

Since the late decline in the European markets, wheat commands from 5s, to 5s, 6d, per bushel in Cleveland, Buffulo, and Rochester, on the south shores of Lake Erie, Niagara River, and the Ontario, and only 3s. 9d. to 4s. per bushel on the north shores thereof.

This difference in prices, between the United States and Canada, must exist whenever markets are higher in America than in Europe, arising from causes which it is unnecessary to recanitulate.

The fact that the agriculturists of Canada are subject to this decline in the value of their bread stuffe, whilst a similar decline can never happen. under any change or circumstances, to the agriculturists of the neighboring States, must, if continued, most materially depress the value of property in this Province.

When wheat is three pence per bushel higher on the south than on the north of the boundary. all milling must cease here, and the population depending, thereon, together with the shipping, forwarding, and merchantile interests, must go out of employment. Its a further proof, the entire capital embarked in milling on the line of this canal is at this moment wholly unproductive; not a single mill is in motion. Fifty run of stones, capable of manufacturing two thousand five hundred barrels of flour per day, are at this time lying idle.

The undersigned represent these facts without attempting to point out a remedy; they feel, however, a confidence that amongst the assembled wisdom of those so deeply interested in promoting agriculture, a remedy can be suggested, and they will cordially unite in supporting any measure which has for its object the equalizing of the value of the products of the respective countries, that we may not be subjected to those fluctuations, from tune to time, which must so seriously retard the presperity of the Province.

> With high respect, We are, Gentleman, Your most obedient servants,

George Keefer, Junior, Chairman; Jacob Keefer; Cowan & Park; S. H. Smith; Alexander Christie; James Gage; Thomas R. Merritt; John L. Ranney; Calvin Phelps; Hugh Boomer.

EDUCATIONAL AND SCIENTIFIC DEPARTMENT.

The application of Science to Agriculture.

Botany is a science, with which every-farmer must have some partial acquaintance, whether he is conscious of it or not. The selection of plants the leaves—these being the breathing organic in the rotation he adopts, and the choice of the best varieties to particular soils, climate, &c. necessarily imply some acquaintance, at least, with their habits and characteristics. It is not necessary that the farmer should become a scientific and systematic botanist, in order to be an improving and successful cultivator. But it is obvious, that the more he understands of the laws and conditions of vegetable phenomena, particularly as they relate to the cultivated crops of the

farm, the greater will be his chances of success. A knowledge then of this beautiful and attractive science materially assists the farmer in comprehending the nature and requirements of the are essential agents in vegetation. Laying adopt the most suitable system of cultivation, as thistles. regards both soil and climate, so as to ensure the largest amount of vegetable productions. It is true that some questions connected with the organisation and nutrition of plants are yet involved in considerable obscurity, so that the practical farmer of the composition and capabilities of the cannot avail himself of all the aids which a more either for pasturage or tillage. Now, whi advanced state of physiological botany will most assuredly one day afford. The chemist and the plications? Aqueous plants, accordingly botanist have been too widely separated. Many some correct information as to the saline to of the most interesting and important facts con-which the water holds in solution. For example, of the most interesting and important facts con- which the water into a con- the foliants the luxuriant growth of water-crosses in the foliants. —facts elicited by long and patient observation, of a staggish such and such waters are found by experience light and explanation as to adapt them to the use of the practical cultivator.

more trouble and expense than weeds; and their thorough extirpation is a matter of the greatest, soil and its various productions, modified e practical difficulty. The loss occasioned by weeds by the effects of climate. Plants which is too notorious to need but a bare mentionand notwithstanding, the many great improve-instance, when removed from their natived ments that have lately been made in the best cul-lous soils, are found to sustain only a s tivated districts, the loss and anxiety to the far-growth when placed in a cold and stubber mer occasioned by these unwholesome intruders, The like differences are found to obtain it are far from being removed. A slight acquint- to elevation, moisture and temperature. ance, however, with the organs and functions of one region, where the conditions are say of plants would materially assist him in keeping enable them to attain to full perfection, within due bounds these robbers of his cultivated signally fail if they were removed to erops. The roots and leaves of a plant are in-The art of the horticulturist, it is true, ena-

dispensible to its existence, since they a organs of nutrition. It follows then, the eradicate a weed you have only to des-This, however, is frequently for practice a difficult thing, particularly in e deeply rooting plants. In such instances the object may be attained by the desired it were, of the plant We have seen ha of acres of some of the richest pasture la England covered with thistles, (the same v apparently, as is denominated in Americal Canada thistle.) which, by repeatedly dest the leaves, have been in a few years com eradicated. No weeds found on the farm c survive the frequent cutting away of their. A heavy crop of grain, particularly pe vetches, thickly covering the ground, will: ally check, if not destroy, the growth c kinds of weeds; the latter being in such deprived in a great measure of air and light, to grass will frequently occasion the extin

A knowledge of the trees and plants ind. to any particular country or locality, ena! careful observer, to form a pretty correct es but hotanical knowledge in one of its spec admirably adapted to the purposes of in-—a practice extensively and beneficially a There are few things that occasion the farmer particularly in arid climates. In a word, a constant and uniform connection betwi much lime, such as lucerne and samula

ly upon a small scale these natural condi- pound, consisting of carbon and oxygen, and that 21 varied productions.

emost practically and useful department of f to the farmer, is that which treats of the my and functions of plants, designated vegphysiology. This science, as interesting as etal, explains the structure and functions ant, and traces the numerous and wonderinges it goes through, from its germination sed, to the full maturity of its organs of faction. When we consider the inimense of organic vegetable matter, which is con-In our torest grasses, and cultivated crops, tly becomes a question of intense interest, aly to the tarmer and gardener, but to dreflecting and enquiring mind, whence et of their composition, and by what force is

nice of the intelligent cultivator of the soil. that carbonic acid gas is a chemical com-imaturity.

and by means of an artificial temperature it forms a very small portion of the atmosphere. mate, to imitate nature in her tropical pro- Vegetable physiology shews by what organs plants 28, but this he does in a very humble de- are enabled to decompose the carbonic acid floatty a heavy expenditure and the constant ing in the air, imbibe the carbon and convert it e of much ingenery and care. The case into a solid in their own structure, while they nativaliarist, indeed, presents such an ex- have the means of expelling, what to them is the 10my, as mustrates and confirms the general superfluous and useless oxygen. This important many, a uniform and maissoluble connect and astonishing process is effected chiefly through sween the endiess variety of living plants the agency of the leaf. This organ is a continue son which supports them, so modified by ation of the stem and bark, and consists of meme, as to agorn the earth by the most beau-thranes and vessels which have a direct communication with the pith and wood. The surface of the leaf, particularly the under part, is full of exceedingly minute pores, which are connected by tubes with the interior of the plant, and perform an essential part in its vital economy. It is here worth remarking, that plants perform important offices in rendering the atmosphere fit for the respiration of animals. What constitutes the principal food of the former is indeed poison to the latter. Carbonic acid gas is totally unfit for the respiration of animals; but when it is decomposed, and its carbon assimilated by the plant, what is left is pure oxygen, or that gas which is the great supporter of combustion and animal life.

We can now understand why it is in homid re materials derived for building up this vast tropical climates, in soils abounding in vegetable. blage of organic structures? What is the matter, plants attain such rapid and gigantic growth-surrounded by an atmosphere most inring plant enabled to assimilate them into jurious to the health of man. In such situations wn structure? These are questions not more carbonic acid is evolved by heat and moises of speculative interest to the philosopher, ture acting on organic matter in the soil than a the deepest importance to the practical far- can be taken up by the most vigorous vegetation Vegerable physicingy, aided by the recent such a soil can support; hence the surrounding eiga ions and discoveries of chemistry, in- air contains a disproportionate quantity of a gas these mysterious processes with more than unfriendly to the health of animals. It is also ary in erest, and imparis a light to subjects found that plants have a much greater power of eno shrouded in obscurity, that is admirably alsorbing carbon during the day, than the night. and to excite the cartosity, and improve the When light is excluded, they exhale a portion of carbon, which, uniting with the oxygen of the be-haif of the matter of which our forests and atmosphere, forms carbonic acid gas. Hence, trated crops are composed, consists of carbon, the injurious effects of growing plants in close tementary substance, the most common va- bed-rooms. We now see the reason of the rapid of which is well known as charcoal. This growth of plants in the arctic regions-no darksubstance previously to its being assimilated ness of night, during the brief summer, weakens ne plant, existed and floated in the atmost the absorbing power of the leaf and siem in in-How is this astonishing change bibling the carbonic acid of the atmosphere; To answer this question, we hence vegetation, springing at once from the of invide the aid of two sciences-chemistry frozen soil, under the influence of rolar action, veg-table physiciogy. The former informs rushes forward without intermittion to an early

Again, what a beautiful adaptation does science ing their action, the yellow feeble leaves of disclose between the animal and vegetable worlds' plant speedily become changed to a swa What a mutual dependence! Look at the ex-green, indicating the assimilation of the nim panded leaf; study the physiology of the living of the manures. The conting of flint or a plant; and with a mind under correct moral dis- which gives smoothness and strength to the st cipline, you cannot fail to trace and adore the of wheat and other cereals, previously exist inimitable perfections of the Creator. "The air the soil in a state of fluidity. And every contains only one gallon of carbonic acid in 2500, must have observed the striking effects of a thu and this proportion has been adjusted to the shower, on the growing crops of manured lap health and comfort of animals to whom this gas dry weather. The moisture and heat acting is hurtful. But to earth this minute quantity, the materials that had lain dormant in the soil, tree hangs out thousands of square feet of leaf in become changed in their condition, and perpetual motion, through an ever moving air; brought within the range of the chemical affic and thus, by the conjoined labours of millions of and vital forces of the plant. pores, the substance of whole forests of solid wood is slowly extracted from the flittling winds"

Another view is opened up by vegetable play. to obtain throughout all nature, both organic siology, of great moment to the practical farmer, inorganic. The soil, compresed as it is, of Plants obtain, as we have atteady shown, the our minerals and salts, combined with a var greatest portion of their carbon from the atmost proportion of the remains of animals and vez phere; but the other materials of which they bles, is a dead inert mass. No animal can consist, such as earthy and saline matters, they port its existence directly from these earthy a get from the soil by means of their roots. The rials. The plant intervenes, and forms the g extremities of the roots are furnished with what connecting link, between the min ral and ac are termed spongioles, from their resemblance to kingdoms. Thus by a beautiful law of resmall sponges; these contain a large number of we perceive an extensive system of harmot exceedingly minute pores, so small indeed, that connection and mutual dependence. Man, w nothing in a solid form can possibly enter them occupying the highest position of all creature It thus becomes evident, that the food of plants wisdom and providential care, cannot failt caa be taken up only in a liquid or gaseous state. Wisdom and providing the truth, that for his Hence, in applying manures, so as to secure their deeply university the legislation he is dependent upon, and full benefit to the crop, the desirableness of the timately connected with the earth; out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth out of with the earth ou practical farmer making himself acquainted with timatery connected that the practical farmer making himself acquainted with timatery connected that the practical farmer making himself acquainted with timatery connected that the practical farmer making himself acquainted with timatery connected that the practical farmer making himself acquainted with timatery connected that the practical farmer making himself acquainted with timatery connected the practical farmer making himself acquainted with timatery connected the practical farmer making himself acquainted with timatery connected the practical farmer making himself acquainted with timatery connected the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himself acquainted with the practical farmer making himsel the laws that govern vegetable natrition. It is dust ne was ongoined the laws that govern vegetable natrition. manures to plants, inder conditions which will tory remarks. In our next we shall consider prevent their becoming scluble, the only state in tory remains. In the attention of ago There is a great difference in this respect in the nature of the various substances employed as manutes; some being more readily decomposed, and rendered soluble than others Woollen rags. bones, and rough farm yard dung, require considerable time and moisture to reduce them into a proper state to enter into the circulation of plants. while the nitrates of potash and soda, which are to every lover of this country and his race, to very designesent salts, are brought quickly into the cause of popular education, in this provi action by the slight agency of a common dew. in a state of progressive advancement. We have seen the action of these manages on of this, we have sincere pleasure in discount wheat and other crops, in the course of forty-eight attention of our readers in a few particular hours, when a warm shower has immediately. followed their application. There is no mistak- School in this cay.

And here again we may just notice, the nection and mutual dependence which are for this wide and all embracing eyetem of crea

turists; and in future papers, we hope to s the application of the facts and laws of that a useful and attractive science, to the art of culand the phenomena of daily tife.

Common School Education in Upper Canada

It must be a matter of unmixed gratifical connection with the opening of the No. s probably known to most of our renders, under the new Common School Act, for this ace, a Board of Education has been estabwith a view to introduce a system of inon into all our common schools, as should t best adapted to the growing wants of the of this colony. That Board has wisely deed, that, in order to introduce a superior of education, one of the first requisites be, to provide a more efficient class of inors. To this end, a Normal, or Training a, for the systematic instruction of young in the theory and practice of popular edu-, has been established in Toronto; and a r, and Mr. Hind, the Teacher of Matheand Natural Philosophy. The attendance ge University, Mr. Barron, Principal of Upanada College, the Mayor, Chief Justice son, and a number of influential citizens. Board has been fortunate to secure on easy a very sunable building-the late Govern-House. On the walls of the lecture room, his exceedingly well fitted up, we observed scellent set of maps, prints, illustrative of at history—diagrams for teaching mechanihilosophy; while the lecture table was ed with a preity extensive set of general atus, and models of the steam engine and enery, sufficient we should say, for conng the pupils through an elementary course emistry, electricity, mechanics, &c.

e are glad to find that agricultural chemisand mechanics are to occupy a prominent in the system of education pursued in the 221 School. This will, in some degree, supwidely felt want in the agricultural commu-

Young men will go forth from the Normal ration, into different sections of the country, one having his own little sphere of duty and lines. In process of time, the whole countil be occupied by competent teachers—not as it relates to the usual branches of educaa and important bearing on agricultural purats and the mechanical arts. In this way warm.

a little leaven, formed in the Normal School, will go on increasing and ramifying, till it has leavened the whole lump.

If the national system of education now proposed, and happily commenced, be only sustained with energy, and carried into operation in the true spirit of an all embracing philanthropy and charity, who can tell what blessings it may be the means of imparting to the rising generation of Canada? Not only will our aris and manufactures and agriculture receive new and continued impulses towards a progressive development, thereby increasing our national wealth, and opening up fresh sources of national greatopening of the same took place, on Mon- ness and physical enjoyment, but what is of still November 1st, when appropriate addresses greater moment will be sure to follow, a tenmade by Dr. Ryerson, the Chief Superin-i dency to an ever increasing degree of intelligence, et of Education, Mr. Robertson, the Head order, industry, and virtue, among the great mass of the people.

We have perused with much satisfaction and merous, including the Lord Bishop of To- pleasure, Dr. Ryerson's very able and instructive several of the Clergy of the various denoin- Report, recently published, on a system of Eleme, Dr. McCaul Vice President of King's entary Instruction for this Province, and heartily recommend it to the best attention of our readers. And if there were no other reasons for carrying into full effect an improved system of instruction, the startling and humiliating fact, stated in the Annual Report of Common Schools for 1846, would be alone sufficient-that one half of the children, of school age, in Upper Canada, are without the means of any school education whatever! And moreover, it would appear, that much of the instruction that is in operation, is of indifferent character. To permit such a state of things to exist much longer among us, in an age. so fertile in the discovery of means for social amelioration and the promotion of man's highest good would be a disgrace to our civilization,-repreachful to our common profession as christains, and must ultimately jeopardize the institutions and imprir the prosperity of our country.

Entertaining these views, it is our earnest desire to see all party feeling and prejudices laid aside, relative to this great question, and to put forth an united effort in diffusing far and wide, the nget of knowledge, the spirit of patriotism, and a common brotherhood.

To precent swelling from a Brusse.- Immebut including those likewise, which have a littaicity apply a cloth, five or six fold, dipped in cold water, and dipped anew as soon as it grows

A few Seasonable Hints.

By the period that this paper gets into the hands of most of its readers, the usual season for fall ploughing will be nearly drawn to a close, therefore, it would be rather out of place, to make any extended remarks touching upon this branch, sian Fly. By this time the grub will have; on strong clay lands, cheap and profitable husbandry can scarcely be carried on without autumn; ploughing, and on such sous, at least, the plough, should be kept in full operation until the frost sets ; in so severely, that this necessary branch of labor, a portion of their crop this autumn, with a becomes suspended. At no season of the year can, deep ploughing be executed so cheaply and with so much advantage to both man and horse as this; and those farmers who have not fully saus-, tion, but simply suggest it as a matter of c fied themselves as to the profits that may be de- experiment, in those portions of the c rived from this mode of improving the quanty and where the Hessian Fly prevails to an ale consistency of their soil, should by all means avail extent. themselves of the present opportunity for doing so. On many soils deep ploughing is not applicable, views with alarm the rapid strides in whi but those cases must be viewed strictly in the two species of wheat thes have spread it light of an exception to a general rule. Hundreds; their land, and if the damage done the of farmers in Canada have tested deep ploughing, crops this and the past season, be a criter apon suggestions made by ourselves, and have base an opinion as to the probable ravag reaped a golden harvest, ranging from twenty to these insects in fature years, then the title twenty-five per cent. of an increase, greater than may be fairly made, that in less than five they would have done, had they simply ploughed this, the great stopic crop of Canada will be the ordinary depth. A much greater increase go out of cultivation for a few seasons, than the foregoing, has been produced on our own i some preventive be introduced, which wor farm, by ploughing from 10 to 12 inches in depth. mit of universal adoption. The greatest product of which we have any knowledge being effected by deep ploughing, was the means strangers to this continent; and p result of an experiment made by ourselves three trom their well known habits, and their e. autumns since, which gave the extraordinary pield ingry destructive character, the only certain of 45 bashels of spring wheat per acre, being 15 of preventing their ravages, is to evade to bashels per acre more than was produced in the soning an early variety of spring wheat; same field, and upon son in every respect in equal i as the 20th of May, up to the first week in condition, except, that where the experiment was | Such a variety may be had in the neighbor made, the land was ploughed 12 mehes in depth. ot Quebec, which has been grown by the We have frequently found much advantage from Canadian farmers during the past half cer harrowing assumn ploughed land, a short time but the one most cassiy had, and watch has before the winter sets in, by which process the found proof against the fly in thousands wild grasses and noxious rout-weeds during the stances where inte sowing was practiced, whiter and spring months, will undergo a greater well known variety, known by the Biar degree of lermantation, than if the intersucce or wheat. It would be well for those tarmer farrow-laps had not been closed with the barrow. have any considerable quantity of this van This practice is principally applicable, as already wheat in their possession, to retain it for se stated in those cases where the land is in a foul it must be in great demand next spring for condition, and it should not on any account be ing. adopted on clean stabble or sward land, for the leading that we shall very obvious reason, that the frost will act much pretty severe winter the approaching season

more efficiently upon a deep open furrow, those that are close and laid perfectly flat.

In many portions of the country, the at wheat plants have suffered very severely for attack made upon them by the grub of the We might, however, state, that into its flax-seed state; and hence, no furth need be apprehended from that source the p season. Those who find that this natural, to the wheat plant, has visited them in great bers, would probably act wisely in plongh of re-sowing it about the 20th of May next the far famed black sea wheat. We by no confidently advise this course for general

Every sensible Canadian wheat grove

Both the Hessian and wheat flies are:

ther this prediction prove true or not, it is obvious that it stands every prudent farmer and to prepare for the worst. It is a much : judicious course for a stock breeder to feed a sparing hand in the early part of winter, to largely exhaust the supplies at the comtement of the season, and then be obliged the winter is only about half over to feed a sparing hand, and probably before the each of spring jeopardise the life of the als, by scantily supplying them with even coarsest quality of fodder. It is quite imposto submit a code of rules to practical ers, that would admit of an universal adopbut it may be fairly said, that both the ry of the manure would be improved, and idder, whether it be of the coarsest or finest y, wou'l go much farther, and be much thenefici! to the stock if they were provided warm and comfortable winter quarters, and adder chopped with one of the modern imed machines in use for that purpose. Alth there have been great impositions made the Canadian farmers, by the sale of an inrarticle of straw-cutters, will it does not that go. I and durable machines cannot be Mach't s of an unexceptionable quality be had in Toronto, at a reasonable price, will cut four times as fast as the old med machine; and those farmers who have speck to winter, would doubtless find great tage from their use.

To the Readers of the Caltivator.

the such annual volume of the British acan Cu'ticutor is now needly brought to a , we em lace the opportunity of explaining a or iculais which may not be found uninter-; to that portion of our renders, at least, who lent us their support and influence from the la our leeble though ardent endeavors in imog the character of Canadian Agriculture. ges of a very important nature will shortly Sected In the style and character of our ease, and therefore we conceive it just to our rous parrows, that we should explain to them sture of those contemplated changes, and otive which brought them about.

. fact is doubtless recollected by many, that summ r of 1841, the Canadian Farmer &

Farmer announced it "for want of proper care and nourishment." Being a practical farmer ourselves, and having a large stake invested in that pursuit, and besides being placed in a situation where we had frequent intercourse in the then Capital of Canada, with the leading and most popular men of all parties, we unfortunately identified ourselves with the paper afready alluded to, and were instrumental in getting them a very large list of subscribers. A short time after our return to Toronto, and pretty soon after the first Session of the late Lord Sydenham's Parliament, the editor of the Furmer & Mechanic absconded to the United States; and the publisher at once proposed that we should purchase his interest in the enterprise, which was done to the perfect satisfaction of all parties. The British American Cultivator was established upon the fall of the Canadian Farmer & Mechanic, and their engagements were made good to the public, which alone cost us upwards of £100. At the close of the third year, the actual loss sustained, without any indemnification for time, and the relinquishment of an highly lucrative situation, amounted. to the almost incredible sum of £500. At this period in the history of the enterprise, it was the unanimous opinion of all with whom we consulted on the matter, that the wisest course to pursue, would be to abandon the publication altogether, and as a valuable friend stated, make the first lose the least. This advice was unheeded. because we knew that we had many tried friends who appreciated our exertions in a course which but few would have made such severe and difficult efforts to establish, and relying upon this hope, and having confidence in our ability to carry it successfully through in the course of time. we resolved that we would at once emp.oy a large portion of our time in active operations on the farm, and thus not only curtail very heavy expenses, but make up a portion of the loss previously sustained. After spending two years on the tann, we strengously urged some enterprising person to open an Agricultural Warehouse in a central part of the Province, for the sole purpose of introducing the labor-saving machines, and improvements of other countries in Canada, by which means our farmers and mechanics might compete with those who reside in older countries, and have greater facilities for doing a more extensive and profitable anie, was published in the City of Kingston, business. No one responded to this suggestion, after a short career died, as the Genesee and at a very considerable inconvenience and

sacrifice, we opened the Agricultural Warehouse at our own risk and expense. At one period during to the important duties involved in the very a the past year, we thought that it would be judi- duous and in many respects responsible ente cious to bring the business to a close, and again prise we have taken in hand, will entitle us to devote a large portion of our time on our farm, share of public favor and patronage; thenand in fact was on the point of doing so, when shall at least make a vigilant effort in those the idea suggested itself, that sales might occa-spects to obtain that esteem and support. As sionally be effected by the employment of suita- is fashionable in these modern times to have ble canvassing agents, whose sole business it pretty strong corps of Editors, to agricultural m would be to call upon every farmer in the pro-lications, we have consulted the latest fashic vince, for the purpose of introducing to their fa- and shall in future employ in our work, one Pa vorable notice, our establishment, and the superior lisher and three Editors. Although the old F facilities held out for the procurement of the most tor has turned Publisher for a short time, it do improved machines of the day. To accomplish not follow that he will necessarily be obliged this object, we had to make choice of only one abandon the editorial columns; but on the co course, viz:-To discontinue supplying Agricul-trary, the new arrangements that are being ma tural Societies with our publication, and thus will only add more vigour and interest to the give steady and profitable employment to a departments of the work which are reserved number of agents, which could not have been his especial management. The work in far done by the sale of agricultural machines only. will be divided into several distinct departmen By adopting this latter course, we have in some each of which will be under the controll of c instances displeased some of our very best friends, of the four Editors. Not more than one half who have publicly declared that we no longer each number will be devoted to subjects or merit their approbation, and rather than support nected with practical agriculture, and the rema us, they would patronise foreign publications, or der will be stored with original information those published in our own land, less suited to Horticulture, Mechanics, and interesting and effect wholesome changes in our agricultural con- uable Family reading. The three gentlement dition. Of course, every man in a free country whom we are associated, are abundantly con has a right to exercise his own judgment, in tent to perform with credit the duties they be regard to these matters; and our object at this taken in hand, and with their able assistant time, in making mention of the dissatisfaction, is together with what we hope to get from simply to express our regret, that we should have agents and correspondents, we expect that been compelled to adopt a course which has had Magazine, in point of merit, will favorably a the effect of making enemies, when it must be pare with any agricultural publication extent seen by every reflective mind, that the course The plan hitherto practiced by us, has b pursued was the only alternative by which we invariably to discontinue the work to all s could afford to give a large portion of our time, scribers, at the end of each year; and con in promoting in our very humble and imperfect quently, the new volume in the month of Janu manner, the highly important cause of Canadian of each year commenced its career without Agricultural Improvement. It is thought by single subscriber. Although we have pract some of our patrons that we shall lose a very large this stringent course from the commencement share of our support, by thus unceremoniously the enterprise, without making a single except abandoning the interests of agricultural societies still the circulation has gradually increased at These Societies were formed, and are patronised rate of from 25 to 30 per cent. annually, by government for the sole purpose of encourage we have much satisfaction in adding, that ing the agricultural and industrial interests of our increase of the present volume is upwards of country; and our Magazine and Agricultural per cent. greater than that of last year. Warehouse have been established by making great increase must be solely attributed to heavy personal sacrifices on our part, for the at- new arrangement in employing competent tainment of that object, and although under sep- velling agents. In one District alone, the incoarate and different management, the whole may since the first of July, has exceeded 1000 be found to harmoniously co-operate in bringing scribers: Although we may lose some of or about the same end. subscribers, we feel confident that our circul-

If industry, diligence, and careful attention

u year will be more than twice as great as it at present. We want to stand or fall pureapon the ments of our enterprise; and if fof our readers entertain the idea that it is worth the trifling consideration of five skilas per annum, then of course we neither desire expect their support. As we have now a Seient number of travelling agents in our emrment, to make a thorough canvass of the ire settled portions of the Province, in perihof once in six months, we shall, contrary to , former practice, continue sending the publitions to subscribers from year to year, and our rats will of course be instructed to collect the scriptions. Although we shall practice the mis, the subscribers will not put those agents practical and scientific writers. the trouble of making unnecessary visits for t a be obliged to pay postage on returned parlis mainly dependant? The foregoing explanation has been made real object and intentions, and we heartily sire that they may be understood in the light ey were intended by the writer.

MECHANICAL AND SCIENTIFIC DEPARTMENT.

This department of the Cultivator will in fure be conducted upon a more enlarged scale, in der to introduce into Canada some of the many portant inventions and improvements that are restantly being brought to light in various parts the world; without this being done, this coun-7 cannot keep pace with the progressive imrements of other countries.

This is a subject that deeply interests all classes, micularly the Agriculturist, the Manufacturer, Art zan, and the Mechanic, as well as scien-5c men, and we hope through the agency of le Cultivator, and the Agricultural Warehouse, achines that can be he nestly recommended, and mended by

fully approved of by practical men. The day is fast appreaching when these improvements will be better appriciated by a more wise and discerning community, and when it will be the interest of every man that wishes to succeed or occupy a comfortable or respectable situation in life, to become well informed of the progressive strides which modern science and art is now making in various parts of the civilized world.

This is an age of universal change and improvement, and requires a constant intellectual exertion for the mind to keep pace with it.

This task which has devolved upon us, is an arduous undertaking, and in order to carry it out fully to the satisfaction of every well wisher of so dit system on the plan proposed, we at the noble and patriotic a cause, it must be assisted se time expect, that when called upon by and sustained by the Canadian public and by

How many writers are there in Canada ready trilling an amount; nor do we at the same at any moment to wield the pen in writing long ze wish it to be understood that the Magazine prosp articles, in too many cases to further corcrowded upon those who would prefer having rupt partyism and political quackery? How When a subscriber wishes the much better would it be for themselves and the ak to be discontinued, the proper course to country, were they to devote half as much of their sue would be to give either the agent or Post energies to advance the arts, manufactures, and hier nouce to that effect, so that we should science, upon which the prosperity of the country

We will endeavor to make this Journal more the purpose of apprising our subscribers of useful and interesting to mechanics, artizans, and others; and to do this, the expense will increase. from the number of illustrations this department will require,-the extent of which will greatly depend on the amount of support and circulation that is encouraged by the Canadian people.

Useful to Rheumatic Invalids - Persons afflicted with that distressing disorder, the Rheumatism, will be glad to learn that it may be cured by a very simple remedy, which I have found to be very efficacious. Having had two very severe attacks of this painful malady, at the sudden commencement of cold weather, to which this country is so subject, and after using liniments and various kinds of medicines recommended by Physicians, to no purpose, I found by drinking a strong decoction of Savin, for a few days, it produced a speedy cure each time. Savin is one of the evergreens, and resembles in appearance a the instrumental in introducing into this coun- shade between spruce and balsam, and of a dark many improved implements and labor-saving green colour. This cure is confidently recom-A FRIEND.

To Prepare Lones For Manure .- As mills for finger and thumb-was sufficient to prevent an grinding bones are very costly, it is a great socumulation of water within the boat. The ma desideratum for the farmer to know how he can Ichine may be said to be nearly solf-acting, the pow otherwise prepare them for his crops. By the er being obtained by a column of water passing by following simple method he can reduce them to a Imeans of a pipe through the boat, and productive fine powder and increase their value four fold.

them in a ketile, or in an old tub unfit for further The action of the pumps is increased in propor use, or even in a hollow scooped in the ground, turn to the speed of the vessel, the ratio being? and made right by lining with clay. Next take the square of the distance, so that almost an w from thirty to thirty-five pounds of oil of vitriol limited power may be obtained. It is eaid that (sulphuric acid.) mixed with one-third to one-half a vessel of 400 or 500 tons, might, with one c its weight of water, and pour over the bones. In these pumps, he kept dry with almost any con a day or two, the bones will dissolve into a liquid paste, to which there must be added, by stirring in wood ashes or fine mould, until it is of the consistency of thick mortar. Put the mixture under cover out of the way of rain, and in a few weeks it will become a light dry powder, which may be applied by the hand or otherwise, to any kind of land that may require it. In preparing this mixture, great care must be observed to keep the oil of vitriol from touching the clothes or skin, as it will burn them as badly as fire.

The oil of vitriol, for this mixture, must be of a first rate quality, otherwise it would require a greater quantity than given above to dissolve one be continued yesterday-Liverpool Mercun hundred ibs. of bones. The mixture answers August 31 .- [This ingenious young gentlemen best for a turnip crop; but it is highly valuable is son of the late Michael Scott, Esq., of this city for other roots as well as for grass and grain. It and nephew of the late Michael Scott, authoro should be applied at the rate of twenty to forty "Tom Cringle's Log," &c. He is likely to take bushels to the acre, sown broadcast on grass land, a distinguished place in the scientific world.] in the spring, or on grain and turnip crops after harrowing in the seed. For gardens or field crops planted in rows or drills, as roots, corn, be gathered early in the morning, at the seast beans, peas, &c , it may be applied in the hills or when they are just beginning to flower. The rows at the time of sowing, or it may be after- dust should be washed, or brushed oil them, as wards sprinkled around the plants at the time of they should then be dired by a genue heat, hoeing .- American Farmer.

Improved Pumping Machine.-On Saturday lust, some experiments were made on the Leeds and Liverpool Canal, with the view of testing a newly-invented hydraulic machine, by Mr. Michael Scott of G asgow, engineer to the Liverpool water-works Company, to be applied to the pumping of ships and general purposes. A small boat, provided for the occasion, was drawn through the water, at the rate of about four miles and a half per hour; and though the water was allowed to flow in through the bottom in a powerful stream, the action of the pump-which was kept in operation merely by the pressure of the

a vacum, which is, by an ingenious application Take one hundred pounds of hones and place made to procure the most extraordinary resulv cervable amount of leakage, and that by the la bour of one man; besides, there is no probabilit of the machinery getting out of order, or the pump being choked, which is often the case wit the ordinary pumps. The principle is exceed ingly simple, and possesses the advantage of cheapness and durability, which must go ter ! bring it into general use. Several gentleme were present at the experiments made on Saim day, and expressed themselves highly gratified a the results. Amongst others who attended we Mr. Stanley, engineer to the Leeds and Liver pool Canal Company. The experiment was !

> To Gather and Preserve Herbs .- Herbs show quick as possible.

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