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TORONTO, NOTHMBER, 1as7.
Vol. III. No. 11

Organizaion of Acriciliaral Societies.
IVE are pleaved t., find that the provincial ress, with searcely an exception, evince 2 most lively interest in the success of Agri- ! caltural Societies In an agricultural country ike Cana! a, this feeling on the part of the ' manductors $0^{*}$ plitical papers is highly to be mommended, ina much as it affords a pracsical evidence that the politicisns of the zuftry are not so completely absorhed is zaty stri.e, that they have neither time nor adisposition to tread occasionally upon neural ground for the advocacy of the important tuse of a.gricuitural irgrovement. If the : groved tone of the Canadian press of tife resent day will adiord a correct idea of what re may expect in the same ratio in future rears, we may hupe that, in the lapse of a in seans, the political, commercial and sticultu:al press of Canada, will be ceanted into a bond of brotherhood, for the Je object of advancing the great industrial : terests of our nation and people. Without .aiming any pretension in being endowed ith the sprit of prophecy, we feel waranted in asstrting that the dey is not far! .tant, when the inhabitants of Canade will! actically obliterate from the mind all party d sectional feelings when their sorviges
are jointly and entrgetically required to adrance 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 spmit of forbeasance towards eacl. other, and to secure the greatest degree of success, a litudable spirit of emulatoon mnst be fostered amoug all branches in the promotion of home-industry aud enterprise. Each public whter has doubtless his own peculiar notions respeating the best and most systematic coutse :hat should be pursued to bing siout the full developement of the natural and antufocel resources of the province, in the shoriest period and upon the most ecomomical scale of expenditure. For our own part, we have thought and conversed much on the saliject, and are quile satisthed that, among the various mean of bringing about improtant changes fus the bettes in the charactet of our people as agricultuists and manufacturers, the one of organzing agacultural societies upon sucn a broatd and liberal bavi, that all who have any desine to see the country improve would encourage thons mover: institutans for the promotion of the agricuiture, arts, and manufacturers of our country:

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 sould 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 pracsical hearings.

It is difficult to determine, whether the people of Canada are prepared to act in concert in building up a claracter, 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 continent. At all events it can do no harm, and probably may do much good, for us to , oint out from time to tine, what we concesve would be calculated to bring ahout that result. Agric .ltural Societies, if properly constituted, may be made instrumental in accomplishing much good in developing the productive sesources of the country. These, as has already been so frequently stated, should consist of Township, District, and Provincial Societies. The basis of this arganization is Township Agricultural Societies, which should be governed by a Board of Directors chosen at their annual meetings. The appropriations made by govern-1 ment for the aid of Agricultural Societies, should be divided between the District and Towns'ip Societies in nearly equal proportions. In sone districts it might be desirable to retain $£ 100$ of the government grant in the hands of the District Society, and the remaining $£ 150$ might be divided among the Township Societies, in proportion to the amount of subicriptions they annually raise; and in other instances, the grant might he divided equally hatween the Township Societies and the District Society. The premiums atvarded by the Township Societies cannot be expected to be very large, but to create a general interest in the success of those local institutions, it would he wise to award small premiums for a great vaiiety of articles, embracing in fact all the princi-
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 inHuence 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 seps could be taken that would beceme so eflcient in creating a stimulus for a;pricultural and general improvement, as the one of avarding one of the premiums usually given for the three best specimens of each article, a practical work on agriculture, mechanics,or horticulture,--to suit tise character of the article entered for competition, as the case may be. The value of those books would range from five to twenty shillines, and the average would probably be ten shillings each. Ii A ryicultural 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 arricultural, mechanical, and horticultural pursuits, and likewise in the literature applicable to those subjects of the country.
District Agricultural Societies should, bf an act of the legislature, be placed under the control of the Presidents and Secretaries a the Township Agricultural Societies in the District One meeting, or exhibition annually, is quite suffeient for practical purposes, wnich should take place about the midule ac. september. The plan that we would su:pest for the practical wo:kiny of the Distric Associatinns, may be understood by the for lowing brief outline :-
The Directors or Governors of the Associ ation, shonld be the Presidents and secre taries of Township Societies. The Prest
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 performance of their official duties. The list of premiums shonld embrace all the agricultural, mechanical, and horticultural products of the District, and encouragement should also be estended to those who may invent or create any article that would be serviceable to the countiy. 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 noinstance 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 unduc favourable light. The sources from whence the premiums should be derived, are, 1 st, the government grant, f100; 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 half tiat sum for youths under 16 years of p ublished in the October number of the Culage. The money raised at the gates should titator, if it had not been that the first form be expended annually in awarding premiums had yone to press before the Exhibition took tor such articles as do not really cone urder place. It has been published with the other the appellation of agricultural products; and proceedings of the Association, at as early a the amount given for the encouragement of period as practicable.
those objects, should depend entirely upon Public documents on subjects relating to the willingress that the mass of the peo-ithe 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 genins! speak for the one under notice a careful and unterprise. 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 Associations, and the whole of their pro-la careful perusal:-

Nohle Patron and Gcutlemen of the Procincial Agricultural Association, Friends, and Brother Furners :
If nuy thing could inspire me with oratorical powers, it would be the seenes thisdiy presented to my view; and $I$ most sincere'y regret that my place is not now nccepied by some one better qualified to do justice to the subject upon which I am about to address thas large and highly respectable asemb'age Dor, inadequate ns my powers are. I will geld to no one an a sutace destre to promote the amportant objects for which this Association has been furmed, namely, the; de vedopement of the resources of our couniry.

The Provincol Assechatan was formed, hate. more than a year agn, by a few gentemen sin cerely desirous of promoling the best intrests of Camada; and the firs: pubic exhibitun was got up, in a very hasty mather, at Toronto, ine Ociober last.

In all our proced na:, we have taken as our molel thote hag'y napful goc eties established in ito countries of winch wa are proul to be natues, or from wheh we have denved onr descent; and whin we avod every thing like party politics, one object of our Association is to concentrate the posver and bring the influence of the anricu? a al conminnty to beat upon those mathers that are connected with the prosperity of the country. Accordangy, at the meetiag lueld! for the elecion of officers, the day after the exhibtion (and at which meeting an amended constitution was adopted), it was determined to pet tion the lesisiature for an act of ancorporation and a grant of monry, whech was done, and the act was granted; but, for some reason known to those in power, the grant of money was withheld.
By aid fron som, of the District Arricuitural Societies, the liberainty of individuals, and the indelatigable exartiona of the local committee we have been enab'ed to get up the creditable exhibition se have this day witnessed, and which I lhank warran's the lope thet it our efiurts are juliciously parstvered in, they wit be crowned with some degrec of saccess. And it is undies the influence of this feeling that I now attempl to advosate the cause of agriculture, which of a.t employmen's is the must maprian oo this coun. try, and that from which the greatest amount of independence, cumfort and happiness, can br derived. That agrieultural pursiths are mosi
conducive to health (without which blesing all earihly enjoyments are comparatavely valueless) is abundantly mamfested by the bloommg cheek, eparblong cyea, and andeac forms, whth which we are now surrounded.

In endeavaring tis atirnet your attemtion, and in illastrating the impertance of the farmer's callins, allow me to recu namend to your attention the wruntris of those who, whin a thorungh knowledge of che nistry and other brataches ot science baring upoa asticulture (to whoh I make no pretensions, bat, as a pracucal man, duly appreciate), have givell then views to the world.

The prezent is an tmportant period in the
 at the puble expens ${ }^{2}$, ts about gons anto opera. tion, at which are to be tang't those to whose care are to be currested the education of a large portion of the yo th of the cuntry; and who agisn, in their surn, are to educate the next generatuon. How imporiant 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 $g$ onerations be pure. The degire to bring this inportant matier promurntly be. fore my froher tarm.ra, whis a powe.tal element in iaddeny ane to cu tsent 10 assulte the responstbilty of a hererng the address ua thesceaston Tru- it バ, w' anl latour are tite purtion of the firmer; for

> "ils that by tho plough would thive,
> TIimelt anat enther hood or drate."

Qut what then? Is not the rigour of his bods and mud promoted by fabour? he emojs his wholesome food, and hes sleep is sweet and refreshing. And though at certan seasons his ancteties are great and ths habour severe, there are other periods that afor 1 lums leisure for the improvement of his mind and the enjoyment of the monocent pleasures of iffe, io as great and perhaps a greater extent bion any other calling or profession.

No class being more immediately dependant opon the supermtending care of an allowige Pro. ndence, no employment is bettor calculated th call fortit the aspirations of grititude and love to that Almughty porrer, whthout whose blesein: we labour an vann.

The farmer may be doomed occasionally to ex. perien e disappomment from the fallure of crope, isc mblight, muldew, or the ravages of the diminutive insect; all are, horever, ordered to trach him
his dependance upon the Great Ruler of the universe, who has said "Seed time and harvest shall not faul," and we hive reason to be thankful we bave never eaperienced an entire fallure of crops in this coun'ry.
But without divelling on this part of the sub. ject (as I trust we all feel our depend inee upon a Divine Bewg), let us turn our attention to the respectabilay of auricultural pursuris.

If anuquey gives to the proiession respecta. bility, we cla:m tor th the highest on that score; for $t$ was the first occupation tollowed by man. If the fact of ats having bern followed by persons of exalted station, gives respectability, Emfrerors, Kuazs, Prncey, and the Nobles of the earith have been, and are enyaged in agricultura! parsuits.

If the universal destre of men of the most varied stations in hife to engage in at, is testimony in ita favor, we have ouly oo observe the numsbers fron every class of society that are continually lonkiny to it as a final dessmation. The Warrior, he Statesman, the Merchant, the Marimer, the Lawyer, the Mechanes, in fact members from every class, lon, for the time when they can leave the parplexities of therr several orcupations, and engage in the cultivation of a farm. Sorme may have fuund on espertence, that the Furm did not possess a.l the fascinations their poetical fancies had lod them to anticipate, because they had only allowed themselves to wew the farmer's life in the most favourable aspect-yet many, very mony, have fully realised all they had a right to, and all they in the exercke oi a sound judgnent, did expect, and have realined the truth of the remark of one well qualified to judgr, and who has saili, "No "puranit has such a variety of interest-uor can "any businoss or profession vie with it in hap. apiaess and indepondence, the intelhgent far"mor has every day some fresth incident, some "new progress to observe; the advauce of his "crops, the enndition of his stock, and the result of *his experiments, and his life is passed in the midst "sf all that should make it agreeahle; its attrac"tions are folt by the highest, and it is a protes"sion that never degrades. No profession or "nccopation can in these respects compare with "it: Bad without affording large prifis, it begine ", "hy giving much that large profits and years of. " labor end with."
Horv then are we most effectually to promote the interests of that profession ?

We have unt only to take into account exist. ing circumstances, bat to took forward to wnat we have teasonably to expect, now that thas been defermined by the wisiom of the Imperial Legishaure, that we are to forego he advantages we formorly enjoyed in the markers of Great Britain, where we shall hereatter have to compete with, not only the superior mode of cutavarion practicei there, but woll the producers of all nther countries wino resort to those markets with the produce of their soll. How is thas in be done? By adopting the sume tharough systom of ealtivation that prevals; in Great Brata?-,y an incelligene practice of every improvement-sy persevering in the selection of the best breed; of our domsstic animals--by the mannfactaring and use of all tithor-savius machines and unplementa -ind by the culuvation of every variety of crop the sail of the country is cupible of pondaungand lastly, by seekin! acerss in the clrapest possible way to those markets where we can obtata the higkest price for our produce.

Alhnugh wheat 19 essentatly the staple artiche for ex ortution, and the crop that his hitherto proved the most remueratug to the Canadita firner, there are severat otiers wheh are woil adapted in the sail and chmate of C mada, an of which we have usually imported to a comsiderable amount, and paid for in eash, thereby creating ane ehausing drain upon the resources of the couniry, hat woald eventually prove ruinous, and which is the worst possibie policy, untess we could exchange the proceeds of more remunerating crops for such imporations ; but this is nop the case, parricularly with regaed to hemp for the manixfacture of cordage,-an article the consump:ion of which is very great,--m alhough we have monufactories of cordage estableshed amongit 1 is, the propric:ors are comp-lled to resort to the thited States for a supply of the raw moterial. Hemp and Flax ought not only to be promuced in suff. cient quantibies from which to manufacture all the cordag" (and other coarse fatrice of which bey form the stape) required for consumption, brat to become a profitable artucle forexportation; and from the flax-seed we ought to make all the lizered oil we require for use amnagst ourselves, which is also an imporant item in our imports. Ansther imparant item to te taken into the zcenunt is the oil cake, \&ce., mide from the refure of the reed; food that would be availanle for atening animals fcr our markets, which are now
supplied to a considerable extent by our neightora. We also import the finer qualities of wool, the improvement of whech ta of easy accomplishment: and wathut the reach of evary tarmer. But the proper encouragement for the cuilivation of hemp and whin the rench of evary tarmet. But the, to becone directly concerned in mining epecula-
proper encouragement for the cultuation of hemp, tons, but indirectly they will all be concerned;
and finx would perhaps be best effecied by an efo. for, however rich in silver and copper the mines and finx would perhaps be best effecied by an efo, for, however rich in alver and copper the mines
fort of the Aneuctaum, as the amount of enpital may be, those who Jabor at then cannot subsist required in order to ger the proper machinery in. ', to uperaliun for dressing, 18 prububly greater than! what any individn 1 cais command; and a united effort will be necessaty to eusure a sufficient sup. ply of the raw matersal to make it profitable. A good deallias been, fiom tume, to ume publehed on the subject of these impurtant crops ; hut it does not appear to have attrac:et the attention of our farmers to the extent that might have been expected, which may in past be accounted for trom the circumsiance of wheat having been in brisk demand for the lasi few years, owing to the faliure of the potatoe crop, and the parial fature of the grain crops in Great Briain and Ireland, as well as on the continem of Europe; but espectaliy owing to the preierence we enjoyed in the niarkels of Great Britain,-a preference we nolonger enjoy.

But as it has pleased Almighty God again to bless those countrips with abundance, at which, whatever may be the conseçuences to our prekets, every well constituted mind must rejoice, althongh: it may be the cause of very great disappointment to many who have embarked their capital laryely in tha branch of trade,-the resulte of which will not only prose dis-atraus to themselves, but will have in depressing effret upon the couniry at largr. And as we have no longer that preference in the home markes we formerly enjoyed, we nus: overcrme these difficultios by an effort so produce every thing that will command a renumerating price, either for domestic or foreign consumplion.

And, Gentemen, allow me to say, hat the present lime is on important crisis in our affitis. STany echemes of improvenent are in aguation; and although they do thot all progress with railroad ppred. some of hem must and will be iorced ino uperation. We musi lanve impreved interna! communications, to brong our purduce at a cheaper rate than at present to bur great and spiendid water cummuaicationa, whicu, although they have cost mutuene sums of money, are worth much more than they thane cist, and are now ucorly compieted; rall mads, plank, and maca damized roads, taust follow in every direction.

The rich mines to the north are a source to which we may reasonably look for an increase to our prosperity, - not that I would encourage farmers to becone directly concerned in mining epeculathe ore, the transporiaboll of it, and the nugging that in varous ways will depend upon numbers for their heing, will tend to augnuent mines suming population and enhance the prour contarners' fertice acies, in which lies ihents of the ing source of his wealih, if only proper failWhite it is our interest to encour managed. ories, mining operations, and every manufacransportation, lor every fenny saing facility for ation is so much added to the pre onsporducer. Our man whec should ber feriluy and increasing the productiveness of our farms, for the soil is the true source of wealth, and a source $m$ whuh Canada abounds to an extent equal to any country on carth.

Now, Gentlemen, time forbids that I should ge into detait in the elucidation of this subject, or that I should enter into a description of the different modes that have been successfully adopted to preserve and increase these produc.ive puwers of the soil. Yolumes have been wrilten, and well writen, on the subject; scirntific nien have spent much of the ir tume in investigating the properties of differeat sols, and their adoptation to various crops. To those individuals the world owes a debt of gratitude it can never repay. The names of Davy, Sinclair, Liebig, Johnston, nud others, who have devoted their lives in the sludy of these subjects, ought to be held in high esterin by every farmer and by every friend of the human family; and, gentlemen, we have those amunget us who deserve our special encouragement. I mean the conductorn of, and contribumats io, nur Agricnitural Journals. Men who carefillv select from the nich mines of intelligence, given to the word by the individuals I have named, as well as others, articles and extracts immediately bearing upon our interests, as well ns much useful orig. inal matter; and whose Jommilsare distributed at so very low a price, that they may be obtained for a few shillinge per annum : and yet it is mates of bupase shat the citculanuin of those papers it not more extensive, and that any man of comimntin sense will depruve himself and family of the plen-
sure and advantage to be derived from this source, | adequately remunerate the cult vator for the esfor the paltry saving of a few shallings, when, $I_{\text {pense }}$ of harvesting, leaving him minus all the prithaps, he will thunk noitung ot epending ${ }^{2}$ much lorger sum on some uscless, yea, wors, than useless, indulgence. "Yet, 'us true, and puy 'tia, tis true," for athough all may not be abte to avail themorelves of the more costly pubicanons to which I have prev.ously alluded, these is no erruse fir those who deqtive themseives and fimiliza of the atvanagres to be derived from che, p works, such as thuse publushed amongst ourselves. Now this -heuld be kept ill vicw by every member uf this Asociation, and it shoutd be his endeavour w propagate a taste for agricultural readins.
I trust a brighter era is dawning upnn us in this respect, and that the improvement in our educnatial system, will. he such, as shall nt no very dostini day, place it in the power of all, to enjoy the advantages of such an education as will enable every farmer to cull to his aid all the benefils of setruce ant experience, as well na to enjny the pleasmres of his honourable and useful calling, in a more intelligent manner.
The merrost mintrasted in agricultural affairby the dimatrinus Noblerinn now at life head of bor governm-nt, is a ganrantee that, as far aq he isconesended, our interestr will nat be neglected: and we bn .evthre are some individuals in the Imgatat ve Comuct, ab'e and willmes to co-operate with him; and, gentlemen, it is our fault if the bracin of the tegesizture over which we have a more inmediate comtroul, ss not so constituted as to secure a proper attemion to our mereste on their pant. Bu agneniture alone can be advanced the general prowpurng of the country. 1 mm aware thore can he nisuch thung as separatr clase interista, for we are mutually dependinat ppon eac's other; hus aryiculure is, and ever ; nuet be, the ground work of the whole. It ismortifuns to haor it rearked by those hatel: raved from G eat Batain, where the land is. ahivatwid it varv sucrior manner, tha co me rets of Canait la. $k$ as if the benple hal farmed hernse vesout Yet moretging as is is, therse te the remorks we arn grnpeiled to hisen o. ind anantomindet Fectanrestulbornthines; orit mazo ourto of Canada such an exhanatu: burse . f ca'lare has hern puratued, wahout nididis whit wis noepesary to sual 311 the productive pwers of the snil, diat it has liecome so reducers,

ther expenses, as well as intereat of his copital. This ought not to be. No man should aliow hess farm to deteriurate ill quatity in the sinallest legree; nor will he, if he possess the true and proper fecing of a farmer. But to ensure this Ceeling, he muss be an educated man, and it must be an educauon eqpectally practucal, to ensure the decirel reath. Hence the necessity of instracting righty the rising gearration, who are tot on'y tu be the future whlers of the soll, but many of then leaders in our pubitc aflurs, and whose intluence, if properly educated, will produce a sn' $12, y$ effect u, 0.1 out moral and sucint condition. The fariner wecupesa position in society the most imgortant to the well beng of nis couniry His influence thi relose, for good or for evil. will have a most decided beaning on its intereas fir all time to come, and he should have placed within 'i's reach advantages for che cultivatoon of i. a mint, and ousaius. knuwledge useful to him $n$ his profesion, so as to furnish him with that proctical inlurmation which will enable him righly to oppreciate and discharge his important dulier.
It has been well satd that the Almiuhty has yracioasly provided every thing in the word that can condace to the benefit of His creatures; but havingendowed min watia the faculty of reason, Ile hus, al lis walon, lefi many of these benefis a develoarel, for the pury"ne of exercising that reason, and caltang forth that akill, which would o licrwise lie dornint. Therefore a proper educatio 1 is neeessary to enable man to employ his physical powers to the greatest possible advanage.
It is ta be lanped, that in the gystem of educa. tion which is hurenterton he purened in :his a:netry, thine which is peculiarly adapted to the lenefit of agriculturs, will no: be entirely overlooked, and , that, while the cundudate for the Palpit, the Ledical Prolession, and the Bar, aretrained with specal reference to the profession in life each is an follow,-the Earmer, while he partieipa'e9 in the ordinary braichas of ednerion, will be af. forded 7a opyrute ity of receiving such inatruetion as will suitably prepare him also for the pro. fession on which bis life is to be devored,-and that it willinolongerbe takenfor gmonted that the Farmer is in no need of peouline attention as regarlis the cultivation of his mind, and the inpmovement of his powers, as if science and the cultiva-
tion of the noble powers with which God has endowed man, would unfit him for one of the first employments under Heaven-the culivation of the Earth,-but on the other hand, be admitted, that there is no occupation in which scientific $k$ rowledge can be more eminently useful than in agrivulure; and further that that cla*s of indivi- ${ }^{1}$ duals who have strong objections to what they call book-fnrming, and who will not adopt any new methods which have provid successful, untal yeats, it may be, after their utility had been establishe', are very rapilly diminishing Could not the eurgites of this Association with advantage be applied to aid in the establishment of an Educational. Farm, where the art could be secentifically and pratically taught under the manage. ment of a sutable person,-such a farm would, I beleve, be intaluable 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. tha't by any other means; and an Institution of this kind might be made a well-spring of intelligence, from which streams would fiow that would irrigate and fertilize the whole country. It would also atford an east mode by which many of the O-phans of Emigran's could be edurared and prepared for a useful life, at a small expense, -nas by their lahor a considerable pant, if not the whole expense, would be defrayed.

We have la'ply hat nur populninn nugmened to a monaiderablu ereent by a chass of anfortunare and distreased hrings, who reguife nur in and demand our sympati"es Minny, I te s. are dirposed to regard thes perfere as a deal weight upon us It isunt on if we adopt a priper course, butif we do not make aneffort there 13 lou much reason to fear they moy he burthenon!!!- We should immedaraly sept: to gave them suitable employment. This is n favnurable opportunisy for those who have !unds that require draining, to commence that operation, oy means of which, such lands would be grality enhonced in valae. The increase of our firula: inn, - hough many of them not of the mist eficient c'ass,-will also rnable the Canadian Farmer is make many wher necessary improventiente, and adopt a more thorough mate of cindiation for the negiect on which they have hirlaren found an excaer in the scarcily of lutior; and frum the same caure, the entivation of root and other crops that requise a good deal of hand labor (and whit a p.eaitial ap-
plication of which, would, in this country, as well as others be sound renumerating) have beun neglected. I would therefore urge upon the Farmers of Canada, and exhort the Members of this Absociation, to urge upon them the mporiance of atrending to these matters. There ta abundant room for improvement; and it ss wise to be ever ready to take advantage of circumstancee, and to tollow out that practice which has proved beneticial to others.

The specimens of Improved Stock, this day exhibited, give ample proof of the impartance of breeding from none but the best animals; and who has travelled through Canada, without bring compelled to acknowledge that this has been most sadly neglected by a large majuri'y of our Farmers, who have not availed themselves of the opportunities afforded them by these publie spinited individuals who have importel valuable stock into their neighborhoods. Had thry avalted themelves of the opportuniries they have had for the last ten years, what a different slat- of things would have now existed,-though the number of animals might not have increased-their value would have been doubled.

And such 18 she case wath respect to tvery other department of the Canadian Faraters occapation. I speak of the country at large, there are excepuons; there are even Tounshaps that may be excepted. Taking the country at large, I doubt whether the average of the Wieat Crop is over fifteen buahels, it so much, it ought io be a ce that, at least, and so also whit ciaer crops. Now, to dispel the apathy that has too long existed, is a princtpal object of inas Assucianon To encnurage the introductuon of tabursaving implements, is an moporiant ubject, and the "peci:nene presen!ed on this noca-ioh, renuer al sufficieni,y evident that there will be nu necesenay for our imposing arucies of thas hand bertafter. The sampies of Woollen Goods we have eera to day, is satisfacinry evidence that we are improving in that branch of manulacture, at a rapud sate, and oaght to atmmate Fariners to atiendio thers fincks, with a view to improving the quainy of thers Wool, that our epmrited manufacturess may not be compolied to go wuh thear cash to the Unted States, to gurchise wool frum which wo manufieture cloth we are to wear.

Much might the aaid on the sulyect of Daury Produce. Toas upon tons of clicese from the United Srates, are annually consumed in Canada.

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 exprotation, is a serioua evil that must be remedied; and, indeed our efforts should not cease until we obtain from the soil of our country, as large guantities 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 and of the several District Noctettes, to get up such a leport | of our proceedings as will exnite some interest, 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 tormed; and if a well digested Report, embracing the Transactions of this Assoctation, as well as Reports from District Soctetues, was properly prepared, it is not too much to expect, that when brought before the Legistature, througa the proper channel, it would be printed at the public expense-the effort is worth making -and I wis', the members of the Association would reflect upon 11 .

It is of much more umportance than many suppose, to pay some allention to Ornamental Improvemens. Carefil attention to pianting a.d preserting Ornamettal Trees, well arra:ged and well constructed Farm Buildings and Fences, a good Garden and Orchard,all conduce very materially to the comtort ani convenience of the Farmer and his Fanily, and give to a nebshborhood, if generally adopred, an air of neatuess and comiort. This increases the $;$ valut of esery acre io a much greater extent than the cos: of such improvement. A taste tor these। things can only be caluvated by reading; by inducing a desute to read. and creaung a desire after information, you take the first and mast in fiortant step towards the diffusion of good taste. Gentlemen, conll the deas I have naי! exaggested, and wery feebly, and I feel, imperfectiy, brought before your view, be carried out, (and I see no reasun why they should not) then, in a tew years, should we have the proud sausfaction ot reeing our fields produce. to the atmost posmble
extent,-wour 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 inhubiting a country which is so valuable a part of the British Empire, -of which may it ever be our pride and boast to form an integral part, and to the Crown of which, may Canadians remain faithful and attached subjects to the latest generations.

The foregotng Address was dehvered by the fate President of the Associa: $10 n$, from the Grand Stand, uider very unfavourable circumstanceq. The ram poured down in rorrents, and the audience were compelled to stand on the ground, which, from the above cause, logether with the treading of mian and beast, was literally a sra of mud and nure. The unpleazant position ot the people, who were anxtous to hear the Address, anduced the Speaker to draw it to a close, be ore it was half dehvered,-at the same tume making a promise that it should be puobished eniare wata the other proceedings of the Associanon. That promise has bren now fulfilled, and we trisi that the reader will be deloghted wath its style a:od tone, and ikewise whit the patriutic prinephes so ably discussed. It snust be remembered hat Mr. Thomson is a uatuve Canadian farmer, who has passed through the various stages of hardships and trials, incident to a back woudsuaris hifeg and whal a selfeelucaied twan. In passing judgment upon so minurtam a dinument as the one under notice, the facts already stated should be borne 10 mind, anasumbuis as dis. reacler would be led to expect that the sddutess would be couched in piam and inteiligivie innguage, and the views and principies evolsed would be those of cominun sense, and quice withan the grasp and comprelieision of luer uans of manhind. So lar as we are capabie ot :mes'sing, we are prepared to pronourice the Addiess befure us to be highiy creditabie, in every surn=e of the term, and we only wish that it couid be recorded in a respectabie valame of $T$ iansations of Canadan Agricultural Sucuties, in winch loran at meght be handed down to desterity, whith olther docuinents of a samiar description. The oniy means of preserving it for fuicure generacions, at present in being in Cailada, is the one now em. ployed, and alihough it 38 in nany respects on efficient one, sull we are of optnon that the
period in the agricultaral hiatory of the country has arrived, when a more suitable medium for recording public documente of this kind should be provided. Such a rolume of Transactions, of all the Canadian Agricuitural Socielies, might now be eatablished with a very trilling amount of difficuliy Although it ma; appear to somethat we are diverging from the subject under con sideration, still it is a matser of such vital importance to the agricultural and grneral productive intertests of this Provin e, tilat we tru-t we shall be pardand for here pressing the question unore iorcibly on the attention ol those wh, have been delogated to preside over and muagr the affairs ol Canadion Agricultural A sociations, whether they be Provinciai, District, County, or Towt:-hip Sucirtirs. The Irading Agriculturista of Canada are nox convinced of the propriety of reducing the management of Ay icultural Sxcieties to an "ifornt system, and that too, upon a scale that woald secure the full cooperation of aill parties, whthut d-tracting from the interests of any. Th-sr Atsociations, as has been $d$-scribed in the traling articie of this number, should from so many liaks in a chain, which should be so indiasoubly comnectel and comented in a bond of union, that the one cond not well perform the impurant dusies reguirad, wihnout the ailand full co-operation of the sister or associate SocieliesTise plan by which this arrat and putriotic artirizement may most eflectaally be brougbt into tull and comple:e nperaison, has been submitied w the puhbic, through the coluuns of our magazine, and we now. ais hri-nly as prssible, proceed to the consideration of the character and objects of the volume of Transaciuns of Canad:an Agricultaral Societies, whach we hoje scon to see yublishell. This woik should, in the arrictest sens of the terin, be pareis onginal in matter, 1 nnl it sh, nid also, under no consideration, conisiv art e es on surlh suhectisas art irrelerant to i.) the great quuratoons anl principles for which
 poonl and mbridate. That the reader may; tome a preive corrert idea of whas we conceive! sinulat compore the Anaual Report of Proceedings of Agricuirural ミocirsire, it might be here akated, first:-min: it shoald become a standiag rule with linth Prorincial. District. and Townohip Sncieties, to apponat a competent person to deliver an Annmal Aldrese, In which the peceliar fratures of the Agricalture of the Dintrict or

Township, as the case may be, should be discuseed; and the facts elicited by the Speaiker snould have as practical a tendency as possible. If this system was to become general, it would have a very powerful iendency in elevaling and improving the sone of the agricultural literature of ite Psovince, and would hikewise be productive of effecting a vast amount of prachica! good to the couniry. These Addresses, from year to year, should be carefully complied and revised, and they would contribute largely in iurming a pretiy massive volume of oricinal itciature on Canadian Agriculture and hergkindred arts and sciences. Tue various Agricultural Societies of the Province should likewise make it a standing ru!e ito offer, at least, twu liberal premiums for one ; or more Prize Lisiays, on subjects connected whth the prodactive mereats of the Proviner. There are scores of suljects that have a grac$t$ cal bearing upon Canadtan Agriculture, which are very inoperiectly unders:ood by the great buik of the people; and is they were diecussed by a dirersity of sa!ellec:, the results would be a more general enlightenment upon not only he subject in an enlarged view, but every feature that wou'd have the sligtutest licaring upon the main point, would be sllus:rated, and would ultimately become well unjerstond by the zeadiane portion of our popaiation. These Essajs, in nlmy insance. would have to be cons.derabiy abriaged beiore being puvished; but they certainly would aid very constberably in giving a general interest to the Annua! pabistied proceedings of the Societies. The thrd, and not the least importan: source from whence the volume under notice slosuid recrive liberal con:rbutions, 1s, drlailed acceunts of the beat experiments made in agriculture. It would be somewhat difficuit 10 collect and prepare those experiments in a suasabie form for the press; but if each Socrety would make it a poins to require, at th: hand of the succes:ful compenicirs, a full and soccinct descipuion of the manner in which they brought about the favoorabie orsulte, then the principal difitioulty woald be removed There are other fratases connected wuth the volurne of Transactions of Canadian L-gricultural Smcieties, that we shnuld like to point oust, il unve and space would admit, but suff. eient have already heea wad, to sausfy any refiective mind, that sucha work is required, and also that it woold ennfer a great blewing upon our people and conniry.

There are in Western Canada, upwards of one hundred Agricultural Sucietres, and when a more uniform method of orginization beco nes established, that number will, doubtless, very naterially increase. In connection with thuse sucteties there may be found a considerable manber of indivdduals who are in poserssion of superior literary attainments, ether acquired or natural, and there are scores, and probably handredi of persons within the carcte of mfluener of those; socieltes, who are both capabte and walling toand the great cause of agricuitural moprovement, who have never indentified themsetives with the movement under consideraton. The wants of the country at the parucular crisis, require that, every true Canadians should phe has shoutder to the wheel, evincing at the same sme a deteramnation to move forward the gisonsic car of Agricultural Improventen; and in our humble judgment, the proper applances for doing so mait effectually have never been brouglit into requistion. The plans we have suggested from ture to time, for the developin-nt of the resources of the country, may doubtiess be improved, if public epinion could only be cencentrated on the several proposinons subinutied for consid-i eration, and we heathly toppe that the peuple will no longer evince a supineness, wiren quesibens of such vital importance are brought prommently before their nosice.

## Speches delive:ed at the Dinner.

It is quite impossitle to give a full report of the Specches that were delivered at the clase of the Dinner. The entire paper would been occupied with the proceedings of the Issociation, if the whole hid becon published. We therefore give instition to those speeches that we deem to be the mont important to the agricultural interests of the province. The admirable speech delivered hy Ho Excellency the Govemot General wall doubtless be read with much interest hy the whole of our subscribers. It is the fitist Address on asricultural improvements that was ever made in the l'rovince of Canada, by a (iovernor, and we heartily hope that in future so geod and patriotic an example will be practiced, by which means an increased style, said-

I sincerely thank you for this ivelcome.--The chetes with which it has been accompanied, awaken a respouse here, (the Governor laying bis hand on his lreist) which asures me that they come from the heart. (Cheers.) Gentlemen, froin the day on Wh ch your Pressulent. Nr. Thomson, announced to m. Uns a Meeturn of the Provincial Aigricultural Ssecty of Upper Can da, would the p:ace during th uritumn, I rosolved that no obstacles which sere surmountab'e, sho, uld prevent me frem attend"s it. "Chrers) I iet confident, that the vecasion could not fall so be fill of interest and gratifscatun to me, and I hone not bee: disappointed in aly expectatons--(Checers.) I certainy regret tint we should have had such a ratus day, for though ace Azriculturalists, appreciate a good snower a a proper scason, we are, I bcliese, all Grect, that on a show day; it is beluer to havefine "ras:ler. (Chetrs and Lituzher.)
I fave beco much granfed, houscuer, ly what I hare seen today. To tell you the truth, I experWh t , titad great ingenuity dioployed in une impletewts of hosbindry, but, ny capectatiuns lave bren surpassed, in the txhib:tion ci Cotule and sarep I pas aiso much gratified to ti: d, that bur extibition was not continced to the produce et .rrecultnre, but that it ilso included specimens of native ralent, in the arts and manulactures. Bu', geallemen, I must confess $\omega$ you, that there An Pa: circumstance connected with his incesing, wheh gires m-still highor graification than ail thati $-1 t$ is, that 1 fidm myelf this evening, for tho urst athe stnec my arrival in Canada, surrounded b. somichundreds ai the enternisis, and inteli;ghat ferer, to wicse shill : sud indeostry, we ove the - reress which Canada has already thade, in the ca in tica of these usciul arts, and to whom we most lowis tor the turther develegracnt of her


I rereat it, of a't the incidents of this interestwis medinz, that which is mest eira ifying to the A. hu Eun myochamisy you, haring your interests,

 :wha vas. Tromend,ts ctarring. For gontetan.i, yu must purmit me th oppartunity of cuser' $\because$, 3 ardin maknazhis obersati n I sia!l tatic carr. Mr. Prasideni, net to infrinze upen that admir bie nule of your sxicty, which procludes the a:rofuction of golitical topics at gour mectiogs) in it nate no one erre fillul th- situaiton of Go B- rure (ienera', wh) ixeld in mere sincere respect uani in the rsohts and privileses of a irec people;
 writ itce cnarietion that, in order to the harmonious wron: of reary plitical sys'cm, it isiodispensible th. - tire rorordinate purcess should, erch of thera, critiae ase f within the limita prescribed by the en is iturian; Je', on the other band, I must with cyual snceri y afirm, thet no one was erer less di-pzed to suffir the hizh offiee with which his Soveresgn had cutrusted him, to degeneratc into a prasant 'checr's' or to forfcit the honourab'e hepe of identifying his name with the adrancement of a zreit Prov nce, and its enterprisirg inhabitants, in irder to pass the time of his sojotrn among yoo,
in the enjoyment of ingloricuas repose, or in the performance of eniply ceremony. (Tremendous and long coninucd cheers.) Therdfore, seittemen, you can understand wih what perfict siace ity I speak when I assure jua, that it gives me the highest graification to tind myseltamong you his evening, lending whateres intuence at aches to my po. sition, to the premotion ci these great and werthy objects, on beha' C of wich ycu are issombitd together. Aud, gentemen, what are thosecbjectsi What docs the promotion of agricultural inprosements in Canade inolie? Inedact achaind ycu that in all cousitr es, and in all conditicns cis chets, agriculture ranhs thish as an homour: bie ond ustful pursuit ; agroculeure is the art upen which man depends, not ony lis his daly breod, uut also manty icr the contert and luxurice of life. Fer, look decp) mo the mather, we shal tatid that the most es's orot: procoses of manufacture are, for the mest part, manapulations on agricultural products. Lenk, for instunce, to that greatest
 turing intercar of Gireat Pri ait- ste licu dr I erident that merest is upon agrimulure, which furnishes it with the 5 mp makral. Look, also at the urcollen manufactures fand it gaic me much gratification to see seme cxeclicht specimens of atative industry in that deparunent, which wite ewibited at the show to-day, see how defendent that interest a!so is upon agricu'ture, rhich rears the si cup a nd improves fies condutus so as to sceure $\alpha$ fite atd valuable fleece. Or, to take a higher siew of this subject, agriculture is the art, by the cu'tiration of which, a gracicus and merchul tird, enabes his falen creatures to catract a blessin's out of the primeval cursc. (Gre-t aplausc;

But let tue ank agre tin, what inat norerpecial and precular senn., sis mulved in the promotion of asircultural murnvemrmt Lese in Canada? What has agrewiture aiready dure to: Canada? and what nay $n$ sidl be expected to do tor Canada? ENome perany at the tuble called ont "erery thag"-and Ihis Excrlirncy rephed " quite risht sir.") Let us lowk bacti a inue to the past. But a livi years agu dus everitory, which now sas'ains some hundreds of thousands of inhatitants in comiort and plenty, and enable them out of their surpius produce, io renit large supplies to other counur-s-but a tew years eso. I say, this great tar jtory was traverod by a fow wandering intes, who could witit drieulty procure ihroughout its vast extent, tim iarans of a scanty and precarions ablisistencer. And, genile$m+n$, this change an sudien, so marwiluus an its results, that it appears mere like fabie than reality, is mainly to be ameribed to the murodiction of agriculture. I hardly presume to lift even a comer of that veil, which hides the future from our gaze, for the proyeer beyond that vell is at mosi too dazzling to coniemplate. Eac who, I ask, will veniare to asign isomits to the prappent. which Canada will yet attain, if stie connnues to adsarce at the same constansly acceicraning rate, at whicin she has of late gears progressed. (Afopl,use.) Wiell, gentemen, the quesmon forces itelf upon every rellectung mind, how dees at
me to pass, that the introduction of agriculture and of the arts ot civilized life, into this and other arts of the American continent, has been folsped by such astonishing results? It may be sid, that these results are due to the qualities of it hardy and enterprising race by which these figons have been settled, and the answer is unoubtedly a true one; but it does not appear to me to contain the whole truth-it does not appear oaccount for all the phenomena. Why, gentleaen, our ancestors had hearts as brave, and arms s sturdy as our own, but it took them many pars, aye, even centuries, before they were enaed to convert the furesis of the Druids, and the Fild fastnesses of the IIighland Chiefiians. into the reen pastures of Enyland, and the waving corn elds of Scotland. (Great applause.) Huw then bes it come to pass, that the labours of their decendants bere have been awarded by a return so nach more immedtate and abundam? I believe Iat the true solunon of this problem is to be fund in the lact, that here for the first time the pliances of an age, which has been prolific beond all preceding ages, in valuable discoveries, iore particalarly in chemistry and mechanics, ave been brougat to bear, under circumstances articularly favourable, upon the productiveness : a new country. When the nations of Europe ere young, science was in its infancy; the art civil government was imperfectly understood; operty was inadequately protected; the laboIt knew not who would reap what he had sown, At the teeming earth yielded her produce grudngly to the soliciations of an ill directed and Esultory cuitivation It was not till long and inful experience had taught the nations the suriority of the arts of peace over those of war; was not antil tise pressure of numbers upon the frans of subsistence had been sorely feit that the genuity of min was taxed, to provide substatutes it those infective and wasteful methods, under hich the fertility of the virgm solls had been well shexhausted. (Applanse.) But with you, genrnen, it is far otherwise. Canada springs at nce from the cradle moto the full possession of eprivileges of manhood. Canada, with the som of youth yet upon her cheek, and wish wh's elastucity in her tread, has the advantage fall the experience of age. She may avail herif, not oniy of the capital accumulated in older antries, bai also of those treasures of knowleage, hach have seen gathered up, by the labour and search of earnest and thougnttul men throuzhit a series of $y$ rnerations. (Great applause.)
Now, gentlemen, what is the inference that I sould draw from all this? What is the moral hat I would endeavour to impress upon you? It this. That it is your interest and your daty bavail yourselves to the utmost, of all these unaralleled advantages; to bring to bear upon this oll, so richly endowed by nature, all the app!ilaes of modern art; to refuse, if I may so exress myself, io convert your one talent into two, by a more skilful application of the true prin-
fiples of husbandry, or by the greater economy of
(uluers) you can convert it into ten. ( (heers.). And, it is because I believe that socaeties lake these, when weil directed, are calculated to and you in your endavours to eflect these imporiant objects, that I am disposed to grive them all the protection and countenance, which it is in my power to afford. They have certainly been very useful in other countries, and I cannot see why they should be less serviceable in Canada. The Highland Society of Scotland was the first instituted, and the proud position which Scotland enjoys as an agricultural country, speakes vol-? umes of the services rendered by that society. The Royal Ag;icultural Society of Ireland, fol. lowed in its wake, and wath similarly beneficiat resalts. I myself was instrumental in estabishing an agricultural society in the West Indies, [Cheers] which has already done much to revive the spurts of the planters; and I shall be very much disappointed indeed if that society does not prove the neans, before many years are past, of establishing the truth so important to humanity, that even in tropical countries, free lahor, properly apphed, under a good svstem of husbandry, 13 more economical than the labor of slaves. [Great Cheering ]

A:d, gentlemen, I repeat it, I do not see why results equally beneficial should not follow, from the establishment of the Previncial Agricultural Socicty in Canlda. But in order that it may be rendered so useful, it must be supporied-it must bo supported not only by pecuniary contributions, but also by contributions of information. These 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 agricuture, amons the lower population, and on the other hand they may be made usefal to the country; by coltecting. tog-ther the locil experience of practical men, digesting them and putung them into a shape in which they may be made generally available. I persuaded the general Agricultural Sociery of Jamaica, with this view, to cause forms to be printed, on which the resuits of expetiments made by practical agriculturists could be easily and succinctly described. These forms were iransmitted to the local scc.eti-s, and ly them distributed among farmers in their respective districts. Any farmer interested in this att, (and when I look ai the intelligent countenances around me, I feel how many there must be here, who are sensible of the dignity which attaches to the pursuitin which they are engaged, and who do not follow it as a mere drudgery)-any farmer I say, who is interested in his art had, through thes: Gorms, an asy an! simple method of describing the results of any expersment in cultivition which he might have made. These documents, when filled up, were transmitted to the local socicties, who appointed committees to report upon them, and the reports, with the data on which they were founded, were finaily transmitted to the central sociely, who were enabled to state the results of general intormation. I think this plan a good one and worthy ofi mitation; but, gentlemen, I feel that I am getting into details,
and that there are mary persans here present who are belter able to handie them than myself. 〈N., nos, and cheers.)
I think that inave assigned ample reaso is to juntify me in hopin that you will join with me in drinking success to the Provincral Agrieutural Association of Upper Canada (Cheers) This, gentlemrns is the first time, on which I ha e had an opportunity of being present at the Agricultural meeling in Canada, I trust it may not be the last; and if we thou'd ever agam hate the gool fortune to meet together, 1 trust hat our re-untion may be characterised by the same zeat, the same unanimity and kiedly feeng which has marked this; an I hat their may be such odditi.n. to the number of the ratic'es exhibited, end such improvemen:s is it it quatizeg, as will hew that tre Provincial Agricultural Association has not ristel in vain (His Exeelinncy resumed his seat amidst the most etthusiastic and lonr contimed cheersig.!

- By ifs Excelimev the Gevern $r$ General.; Prosperity tathe Arricultural Association of Upprr Canda.

This zoast was rexpondul to by the Viee Presidru, The IIon. Alim Erreuxn, it a flicitoss spereh, durng the delvery of wheh the fonorabie zeastman was repratedy chered. Ife observed that the tew wordy hr wou'd say, cume frome his heart. Affry the thoss ethgurnt and bighly patrienc adiress of II $\ddagger$ Excellincy, atay thing he could say mast fa, fo intrest the Company. Athadurg to the unforturate state of the srasher, he would tahe the liberty of statiog to Ilis Exceliney a hace of which IIs Excellency had no pereonal exprrience. that here was such a thing as "sun shine in Cpper Canada" Althoughifis Exceif-ncy fad seen muk hat the exhibitsin, that was wall wurthy of assentom, yet he comid as yer form nu esimate of the vast resourens of the Province. He cmadd direct has Exceltracy io farmens who hal tecentiy sown from 204 so 300 actes of wherar, frum whach dey ex. pect d to reap thiry bushth pertacre. He ainurd
 font his hot grn. dasad the past year. It afforded him stacere $p-x$-are to wicte-s a aubleman,: entrasied "ath tire Gontrmarest at tizs Colmy, \{ecoat wisy to the Vise Rosanty of Itehand,
 shoroughy acquansed wan the posstion, the fewhugs. and meress at thowe over whom he was aymonsed by thr fuvor of pur sovetemg to raw ; and he shectery loged the presem meetmes wou'd pr. we as wransion to his tixe lency, as t was bistermaz to thatarge and mateligenc assemby. If cuncrabed by propanag the followteas: :-
"Prosperily and suceess to the Acriculturat Atsoriation of Canady Ezit, and tis worthy Prescdent, Hujor Camythell."

WujorCampirli witurned thanks. IHe wis well aware that the mothustann whth which the roant hal heen received, was nus on sccount of the individnal uamed. bus uas wholly cwing to the very fien liy fechings emterna.ned by the people
of this Upper division of the Province, toward the inhabitants of the Lower. IIt was quite de. lighted to witness this maniferiation of kindly eeling ; the snore these lecluggare cherighed the benter it will be for usall, by rendering the Union what it was ariginally destgned so be, a unionol frelink anung ail the pecp'e of the Province, acting together fore the promotion of the Cummon weal. (Cheers) The Agricularal associtsion of Lower Conada, of which he fad the bonor to be Prestlent, was formed in consegueoce of the estabishuths of this Assocsation. The circuastances of the 1 sws 8 - csivis of the Province are at presem differm. In he Upjer Province, arw cumera are conemathy arriving from the oh worid, a vast namber of whous are gratuemen of wealih and melgence, who brom whin them capunt, skull, and a ksuwied.e of the modern umproveruenis to the ans and surences, berety comatomany yr sy matratily to yuar advancemeat. An maprias has alse bern geven to the cane of papular Educabar, winch so mow diflasath its beessags throughout the rane commumb


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graud, which inutised the rapid groxress the county is mikug. Aman otuce benens whenthe Asscia ion woud cunter, if wosh br ng the peap a fom al. parts of the Povisee into centace wath se a oother, and by the nuterchatis- ofopmon, ans the comparis3n of the different mades on cu tuvatisu guriued, cathe them wa apt th se mpror monts tat wera fosnd to be the best, nad mast adupted wour syi and climate. - [Cueers.] For the la : treary-five y ars ho hod teen anaken an anmas circuil of the Prati.sed in the dtotharge of has faticial efil ce, a a be had harefure the most faver. bie opabr utities of ubserving the remarkabe epr.s. pres th councy was mathog; and the was shts-

 das sicts, bat cunfined thior basaness to the dastict oxas, had bata very bidiferent estumate of the
 haif give freute to i habit. - Tha Associst on snudenable a 1 of hem toexend ther negsentane, and is beachit by whit they wituessed it its masa3l matings. [Cuee s.] tiecougratuatud de Cumpany or 2 an the hoost dune shem by the Conn-
 tizy bee 1 th first lis Civer Canala $t$, gove liss Exellency, the Geverars Gemerul, a pabie welarns. [C reves.] The recepion gien to lis Eree'l ney was most culdusta-1uc; hus hagh ratuh, and h's bing Har Myestie's Inep esentative, nere
 istre that mich or the furvor manifest-d on this oceasion tras diawn forth by dhe rare pe s yas qualitex and aremo ishments prepecd by lis Eice.tancy. iG ca' Chsers.] $R$ nt and tutle ousht, und ubbedly, toinsure aur respeck; mure especi lly mhen cambined with the ligh order of whent which Es Excellency possessed Fouse the wards of the Sentish pret, "rank is bu he gume st mp. a man's o man far, that." [Lued Chiering.] Itiny yeas azo, att-mptes were mad to frm an syricu tura' $\mathrm{S}_{\text {cie }} \mathrm{y}$ in this province, hut those attempts were ant very sucecssful; and it was only It er years o' cffrt that a D -trict Society sp ung of, and similar ouses were sabsequtenty formed in Sher distiticts, a tia at tugit we witness as the results con inucd perseveran e, the existance of the Provinctil Assaciatio, which 1 trut muy before ing bo fillinad by an diricu turd Asoxeraun extendig over the whle ot he Batas iNor h Amer:an Culanics. (Cheers.] Ile wonid not ronge: tejpass on heir kimes, as he was woll aware that bere were many persons prescmit who woudspeak much mate to the purpase liat ha cond. - [Cries
 te coneluded wilth the Clllowing toast:-
*Prosperity to the Dritish American Colo. xies."
Ex-Consul Buchraan responded to this toust in a wery humerous speech, which caused great merriment to the company.
The Agriruluaral Sariety of the State of jife York, ond our friends from that State.
Mr Allan, of Diack Rock, reapoaded. Iie tage that alth's he lised bust twenty years on the banks of the Niagara, this was the first time he hid
penetrated so far into Upper Can da. He thooght that is comang amongat uas. he nould be coming into a strayge land, and among a strange peop'e, but he wa atrecably disappointed - he found hime self among friends. We hau the pleasute of knevelitg some of the gentermen present for the last cwen y yerrs; but his estimate of tue real stan:time of the peopic and mstituthons, and the state of Asriculture, Manufactures and the Arts in Came wha, thas very imperfectindeed. While sstung here for the last three hours, instening to the abp spece ces and noble sentiments thar sere delivered, he had been umpress-d with the most profound ruspect for the sostututions of the couniry, and bit pt cucal grod sense of the people of L'pper Cinada [Csee rs] When he saw mround fim the Respresematwe of Royaluty, the Niembers of the Colomat Loyish ure, and the distinguts ed croment of the Coomai Bench, taking an ocite part in the groceedargs of ths Assoctation, tors cowld he fed oherirse than deeply ingressed wath the most pasound respect for our matituicons, and how could he escape giving expicssion to an tronorable prith. tha he bebnged to a cirn 5 , epeakng the same language, des eadid from thi same sacesturs, and governed by similar inst sutions and laws. [Great cuevring-: the was highly pleased with the exhbitio, the con-idered the cat Je and heep to be zery superios indect, and mans af the specimens of matronactures amd aphements were mest excellent. ILe tro, ed at the fu ue Fars of the Agr sultural Sucie y of the State of New Y.sh, to set many represuzatives frum this Province, and that they would broug with them not ouly ther stock to exhibit and campete wath theirs, hut also be accem* paniad by their wives and duughters.-[Cireers ]Whatever was considered best in the country, of th ir ancesl..rs, they bad adopted in the Cnincd Shates. They cuuld bast of their Sounh youns, their Cher.ots, ther Devanshites, thar Durhams, anl sicir Ayrshises; and to fcli you dhe tath. we have gro every thus Brash anong w, that we conceive obe goxd fit any thing (Cheers), and in this age of improvement, whitetar thr $r$ - is new and wor th imparting, discosered or produced in Great \#Fi nin, wa are cager to in raxisce amane us.Chers ; We maduiged the hope that has Exce, eney the Gaverajr Geuera, woud have sasued our lae fair at Saracoga; had be done ss, de recephon we shou dhave guen 11ss Excellacy, wou d ab. If ve beea less ehahustas. ic thin tha which the has experienced a your lants Ne "sculd have
 our oisappoin me 4 was grean momed. a nithasing had the oppor, anicy wifirded us. \{Cucers.\} In conclusicn, te would propose as a sem ine:r, -
"Prapperity to the Canadss, and Gud Uless the Quecn."
"Commerce, Manufathies, and Agrtculture of Upper Canada:"

Nr. Gamble introduced the mant with a frw observanions, which were maudble to u8; and, wi $n$ he sat down, there was as general call for Mr. McKrechatr to reply, but he had prevsounly Ieft the company.-From the Britioh Calonizt.


$136 i$ thisd do Wm. Grassie, Far. Library and Jour. of Agri. J846.
1543 best Canadian Plough, W. Brown, Nelson 210
540 second do B Pickard, Iamilton........ 110 840 third do J. Lawrence, Palermo.Far.

Library and Jour. of Agri. 184G.
Eij best Subsoil Plough, George Bryce, Brantford

210
152 second do John Bell, Toronto......... 110
571 best Harrows II. Lntze, Salffleet ..... 2
$4-3$ second do W. Miller, Flamboro' W. 15
149 third do F. Keat, Chinguacousy,
3 vols. Farmer and Niechanic.
312 best Fanning Mill, David Thornton, Galt. $\qquad$
526 second do MicTagart and Murray, St. Thomas

110
953 best IIorse-power Thresher and Separator, McDonald, A. Stewart \& Co., II Amilton

50
$1+15$ second do Van Brocklin, Brantford.... 20
its ihan do W. Miscríniey, Fiamooro' West, Far. Lib. and Jour. of Ag.
1350 best Drill Barrow for Sowing, G. R.
Penfold
210
Eat second do Thomas Gardner, Clark. . 110
5D: third do J. Aiuslie, Galt for a Broad Cast Sowing Machine, Gar. Ag. Dic.
sfa beft Scarifier, G. Bryce, Brantford... 20
220 best Straw Catter, Nevans Jones, Esquesing $\qquad$ 210
552 best Culivator, B. Pickard, Hamilton 110
835 second do T Towers, St. Catharines 015
490 third do Wm. Miler, W. Fiamboro' Allen's American Agri.
$5 \% 0$ best Hay Rack, H. Lutze, Saltfleet . 110
1418 second do James Gage, Barton ...... 015
390 best Corn and Cob-Crusher, Gurney and Carpenter, Hamilton ...... 15
1136 second dow. G. Edmundson, Toronto $0 \quad 15$ 1137 third doW. G. Edmundson, do 1 vol. Farmer and Mechanic.

Class F.-Implements (continued).
no. description. prexive.
1229 second do do do 015

> Class G-Domestic Manufactures.

31 best Hand Rakes, half dozen, $R$.
Baker, Waterdown - 1015
540 second do Hiram Ranney, Dereham 010
710 best gix Narrow Axes, Wm. Boyce,
Galt - - - 015
224 second do Samuel Shaw, Toronto - 010
226 best six Manure Forks, Sam. Shaw,
Toronto - - - 015
1233 second do McCulloch \& Cu. Brock.
ville - - - 010
225 best six'Hay Forks, S Shaw, Toronto 015
1287 second do McCulloch \& Co., Brockville - - - - 010
1235 best six Scythe Suaiths, MicCulloch \& Co., Brockville

- 015

32 second do R. Baker, Waterdown - 010
1286 best Grain Cradle, McCulloch $\&$ Co. Brockville - - - 010
33 second do R. Baker, Waterdown - 05
1239 beat six Grain Shovels, McCulloch \&
Co., Brockville . - 01.5
433 beat eet of Farm Harness, W. Davidson, Hamilton $\quad-110$
43: second do do do 010
440 third do E. McGivern, do Gar. Far. Dictionazy. $43:$ best Sell Pleasure Harness, Willam Davidson, ILamilton
439 second do E. MicGivern, Hamilton - 10 437 third do do do 1 vol. Far. and Mechanic. 442 best Travelling Truan, E. AcGivern, Hamilton

1 vol. Albany Cultivator.

Class G. (continued).

## Mi. 418 best Side Upioner Leather, Clement \&

Mours, Hamilton - - $\mathbf{x} 015$
416 second do 183 third do Ursum Harvey, St. Davids, Allen's Ainer. Agriculture. 186 best Calf Skin, Ursum Harvey, St. Davids 015 424 second do Clement \& Moore, Mamil-
ton - - -

$$
426 \text { third to do do do do }
$$ Buell's Fur. Instructor. 1245 best Skirting Lealher, Jolin Ilolmes,

Chinguacousy - 191 second do Ursum Harvey, St. Davids 015 1306 second do do do 1 I 191 second do Ursum Harvey, St. Davids 010 1111 thidd do J. W. Gamble, Vaughan 190 third do do do 1 vol. Far. and Mechanic. 420 best Stde Harıess Leather, Cleméat \& Moore, Hamillon
562 second do Robert Forites, Waterloo-0 10 419 third do Cletuent \& Moore, Hamilton, 2 vols. Far. and Mech. 744 best Jour Panncll Door, W. Stupman,

Hambun - 572 best Window Sash twelve lights, H. Luize, S litheer - $\quad-015$ $5: 3$ second do do lo do 010 1802 best Fur Hat, Joseph Mills, Hamilton 015 658 second do W. II Glasco, do 010 559 best Fur Cap, II Bastedo, IFamilton - 015 661 second do W. II. Glasco, do 010 659 third do W. H. Glacen, do

Gar. Far. Dictimary.
655 best three specimens of Shocinakers'
Work, J. B. Dayfoot, Hamilton 10
454 second do do do do
656 third do do do do
Farmers' Companion.
438 best Single Pie sure Harness, E!w.
McGivern
S19 second do W. G. Clark, Prince Edw. District - - - 010
Class H-Woollen and Flax Goods. 1309 Lestit twelve yards Woollen Carpeting, Barber \& Brohers, Esquisug: 10
do
do
1 vol. Far and Mechanic.
1330 best twelve yards Flannul,S. E Mac-


1 vol. Far. and Mechanic.
1320 best Woollen Blankets, S. E. Mac-
Kechnie, Cobuurg -10
1115 sceond do J W. Gamble, Vaughan - 010
1410 third do Wm. Ganble, Milion Mills
Farmers' Instrucior.
1332 best twelve yards Sainett, S. E. Mac-
Kechnie, Cubourg -20 607 best Couch, do do....... 01

## Class II.-(continued).

no. Descriptoo. rrexir-
1348 best Broad Cloil from Wool Shorn in
Canada,S. E. McKechnie, Cobourg $£ 3$
1338 zecond do do do do 2
1347 third do do do do
6 vols. N. Y. Agricultural Trans........
1351 best 12 yards Wurer Tweed, S. E. McKechnie, Cobourg.................. 11 1340 second do do do 01 0101344 third do do do

Johnston's Agricultural Glemistry
1304 best piece Woollen Cloth, fulled and finistred, Barber \& Bros. Esquesiug, 21

1271 best sample Fiax and Hemp Cordage Alexander Ferrier, Malton,..........
261 best 40 lbs. Flax, T. B. Gracey, Etobicoke,

## prizes of merit.

481 Plaid Flannel, N. Hugison, Flam. E 0
4832 pir Knit Drawers, do do 0
582 pair Coverlids, J. Carpenter, Salffleet 01
1002 Plaid Flannel, J. Ingiehart, Nelson, 01 1125 pair WoollenMi's, W Beemer, Simene 01
1207 pair Paid Wrollen Blankets, Peter
Howell, Ancrster,...................... 01
895 Whate Counterpane, Miss Watt.............. 0 I
1337 Broad Cloih and Black Cassimere,
S. E. McKechnie, Cobourg,.......... 2

Crisss I-Dairy Produce and Sugar.
1579 best Camadian Cheese, Mich. Cnarlton, Damlries

21
539 secund do. II Rannoy, Dereham, il
154 third do. Warren Harris, Ingersolville, Far. Lib. and Jour. of Agri.
1295 test Gioucester. H. Parsons, Gue'ph, 21
801 secoald do. RolphWade, Cobourg, 11
80 best Butter, Joseph Rois, York T'p, 21
253 second do. T. B. Gracey, Eiohicoke 11
10 ort third do George Wrils, Nelsin,
1422 fourth do. J. Chillon, Flamboro' W. $\mathrm{Di}_{i}$
627 fifih do. Vickers Peart, $D_{i}$
$1^{007}$ sixth do. P. Mack-rlie, Binbrook, $D_{i}$ 1206 hest Mople-sugar, J. Peers, Woodstock 21
1539 second do. Ralph Wade, Cobourg, 11
216 thrd do. John Bates, York Town. slip, Skinner's Jour. of Agriculture.

Class J-Calinel Ware.
600 les: Cenire Table, J. Reid, Hamion 11 601 second do do do...... 01
602 best Sofa, do do...... 1
603 second do do...... 01
604 best Ottoman, do do....... 01
605 second do do do...... 01
606 best six Dining room Chairs, da....... 01
606 beat six Drawing-room do do...... 01
$\begin{array}{lllllll}1352 & \text { second do } & \text { do } & \text { do } & \text { do } & 1 & 5\end{array}$
Ure's Dictionary of the Arts.
do......
do....... I
do...... 1

## Class K-Morticultural Prodncts.

2. deseription. premiums.

30 Greatest variety of Apples, William Hayden, Toronto,
30 second J. Ross, Toronto Township, 010
idd :hird Wim. Breenter, Simcoe, Bridgeman's Gardener's Assistant.
23 best 12 Table Apples, W. Hayden, Toronto,
H3 second A. Case, Barton,................................. 10
C29 third James Lewis, Saltfeet, Bridgeman's Gardener's Assistant.
:56 best 12 Winter Apples, T. Adams,
St. Catherines,
15 second J. F. Moore, Hamilton,....... 010
393 third J. Ross, York Township, Book.
解 best 12 Table Pears, *Belmont," Samuel Wilmot, Clarke,.............. 015
St second do do .............. 010
H9 third Wm. Gage, Barton, Thomas' Gardener's Manual.
27 best 12 Winter Pears, Wm. Gage, Bartun,

015
:33 second Samuel Wilmot, Clarke,...... 010
333 thrd Wm. Hayden, Toronto, Gardening fur the Ladies.
313 best assortment of Culinary Vege.ables, James Stephens, Toronto...... 10
it9 second Ilenry Turner, du. ...... 010
$\delta 7$ third James Fleming, do. Bridgeman's Gardener's Assislant.
$\varepsilon 8$ best assortment of Vegetable Roors, Janies Fleming. Torunto,......... .. 10
C60 second Richard Fish,.................... 010
40 best Brocoli, B. Page, Hamilton, .... 010 ziz0 second do. H. Tumer, Toronto,... $0 \quad 5$ 452 third do. do. do. Kitchen Gardener.
$\$ 1$ best 6 Cauliflower, do. do....... 010 5it seco id do. E. Kennedy, Mamilom,. $0 \quad 5$ 332 third do. Henry Turner, Turonto, Kuchen Gardener.
231 best 12 Drumhead Cabbage, do. do. 0 10
31.4 second do. James Stephens, do. $0 \quad 5$

测 third do. Henry Turner, do. Kitchen Gardentr.
316 best 12 Savoys, James Stenhens, do. 010 inj second do. E. Kennedy, Harrillon,. $0 \quad 5$
315 third do. James Steplens, Toronto American Gardener.
125 best 12 Table Carroos, WV. Hayden, do 010
8 l second do. James Fleming, do. 05
j12 third do. J. F. Moore, Hamilton, Fruit Calturist.
515 best Whice Celery, do. do...... 0 10
27 second do. W. Hinyden, Toronto, 05
801 third do. W. Reed, Hamilton, Kitchen Gardener.
314 best Red Celery, J. F. Moore, do.... 010
26 secand do. W. Hayden, Taranta, $0 \quad 5$
792 third do. Wm. Reed, Hamilton, Allerican Gardener.

## Class K. (continued). premivas.

91 best $6 \mathbf{E g g}$ Plants, the only sample, very inferior, J. Fleming, Toromo.
1542 best Blood Beets, B. Page, Hnmilton 5010
317 second do. James Stephens, Toronto 05
318 thisd do. du. do. Fruit Cultivator's Manual.
1917 beatWhite Onions. J. Dynes, Saltfleet 010
G20 second du. Wm. Reed, Hamiton,... $0 \quad 5$
103 best Yellow Onions, W. Hayden, Toronto, .............. ................... 010
70 n second do. Wm. Reed, Hamition,... $0 \quad 5$
$4 i 7$ thard do. Andiwny Siephens,Guelph, American Orehardst.
476 best Red Onions, Israel Hopkins, Flamboro' W.
205 second do. Juhn Howis................. 05
102 third do. W. Hayden, Toronio, Florist Culturist.
95 best 12 Roots Salsify, Jas. Fleming, Toronto,.. ...... ... ................... 010
139 second du. Alex. Shuw, Toronso, .... $0 \quad 5$
531 best peck White Tumips,W. Inayden, Torunto,.................................. 0 10
290 second do. Henry Turner, Toronto,. $0 \quad 5$
319 third do. James Stephens, do. 1 vol. Amer. Agriculturst.
20.1 best peck White Beans, T. B. Gracey, Etobicoke,......................... 010
1033 second do. Edward Evans, Fiamburo' East,................................ 0
86 third du. James Fitening Toronto, American Gardener.
359 bes: collection Green House Plants, Wm. Gardon, Toronto,............... 10
361 second do. D. M‘Denald, Torun:o., 010
360 third do. W. Gordon, do.

EXTRAS COMING UNDER THIS CLASS.
293 best basket Hamburg Grapes, II.Turner, Toronto, Diploma.
453 selection of Foreign and Naive do. J. Dougall, Diploma.

1550 fair sample Native: Grapes, Joseph Rogers, 'Torvato, Dipoma.
459 Peaches and Pomegranates, very Jarge, J. Dougall, Diploma.
1225 Six Sugar-!oat Cabbages, Jny Dynes, Salnteet, Book.
1221 peck fine Yellow Turnips, do. 5 s.
529 peck Victoria Green Peas, W. II. Boulton.
1295 three good Cucunbers, A. Baker.
516 good collection German Slocks, E. Kennedy, Hatnil:on, Diploma.
506 fine collection Native Grapes, Isabella L. Willson, Trafalgar, Diploma.

## Class L.-Seeds and Roots.

so.


2 breman, Flambaro …........
$\$ 26$ best 2 bushels Barley, D. R. Springer,
Nelson
015
584 second do J. Carpenter, Saltfect $0 \quad 5$ 1052 best 2 busisels Oats, Jacob Inglehart,

Saltteet
010
1263 second do I. Anderton, W. Flambo' 05
1123 third do W. Beemer, Simcoe
Albany Cultivator.
141 best bustel Peas, A. Shaw, Toronto 010
Gay second do .T. Willson, Trafalgar.. $0 \quad 5$
24 third do C.E. Chadwick, Oxford Alten's Amer. Agriculture.
142 best 2 bushels Indian Corn, Alex.
Shaw, Toronto
010
335 second do W. F. Weese, P. Edward
District
05
G29 third do W. Horning, Batton
688 best I vol N.Y. State Trans. A.S.
Timothy Seed, John Willson,

> Pratalgar.

010
1060 second do lames Durand, Dundas... 005
207 third do T. B. Gracey, Etobicoke Alien's Amer. Agriculture. 268 best bushel Flax Seed, T. B. Gracey,

E:obrcoke
010
143 second do Alex. Shaw. Toronto $0 \quad 5$
84 best Bag IIps, J. Risison, Ohawa 210
i8 second do Themas Buttery, Toronto 110
76 third do J. Nightingale, Yonge-st.
Farmer's Encyclopædia.
1272 best 2 bushels Potatoes, John Dynes,
Saltieet
010
871 second do Jantes Bell .................. 005
630 third do Wm. Moruing, Barton Farmer's Instructor.
100 best 2 hush Suedish Tumips, James
Fleming, Toronto ............... 010
1576 second do in. Charlon, Dumfries $0 \quad 5$
1559 third do W. Ewing, Brantford Complete Farmer.
519 best bushel Carrote, P. Fisher, Nelson 010
1450 second do Jos. Rogers, Toronto $0 \quad 5$
6 third do James Fleming, do Albany Cultivator.
516 best bushel Mangel Wortzel, Peter
Fisher, Nelson .................. 010
580 second do J. Carpenter, Saltheet 05 1144 thitd do J.B. Osborne, Beamszille, Complete Farmer.

Class L.-Weeds and Rools (cminued).
no. description. remiena.
1542 best bushel Sugar Beet, Barth. Page,
Hamilton .................... .. 夫0 10
1516 second do E. N. \& J. F. Moore, do 05 318 third do James Stevens, Turonto

American Agricuiturist.
673 best half dozell Pumpkins, T. Hatt,
Ancaster
1400 second do Elisha Harris, Saltilet 0 S 674 third do Thos. Ilatt, Ancaster American Poulter's Book.
875 best half dozen Squash, Geo. Wills,
Nelson.
010
660 second do Rechard Fish............. 05
148 best Clover Seed, A. Shaw, Toronto 10
8 i .4 best Buck Whent, G. Wills, Neison 010
Class M.-Iron and Hollow Ware.
85 Smut Machine, A. Duncan \& Co.
Cobourg............................fl 0
162 lest Blacksmath's Bellows, J. Westman
163 second do do do do........................... 15
16.t third do do do

1 vol Farmer and Mechanic.
165 best Carriage LIames, J. Wrstman,
Toromo
010
166 second do do do 0 s
2.10 Fancy Cooper's work, J. W. Bevan, 015

349 Axe $\underset{\text { Edwardles, W. F. Weese, Irince }}{\text { E. }}$ (.............. 0 l0
4071 Hot Air Apparatus, John Mitls,
St. Catherines ................... 11
510 Balance Scales, D. J. Richardson,
Hamiton ..
110
512 second do do do 015 511 third do do do 2 vo's Farmer and Mechanic.
513 Head Blocks for Saw Mill do do 0 It 715 Portable Fire Eagine, J. Wagstaff,

Branfford ......... diploma and 11 716 Engine Hose do do $0{ }^{1 / 4}$ 593 best Churn Oval, P. Fraer, Dundas 0 H 1214 second do W.Woolcot, Smathille 0 : 731 third do R. Bleazard, Mamilton

Trans N.Y. State Ag. Sociey.
851 best Oval Wash Tub, Cruthers \& Co .
St. Catherines .
01
733 second do R. Bleazard, Hamiton 0 ;
735 Washing Machine, R. Bleazard do 0 It 850 best Stable Pat, Cruthers \& Co.

St. Catherines
016
736 second do R. Bleazard, Harniton 05 737 third do do do Albany Cultivator.
738 Cheese Press, R. Bleazard, Hamiton 0 s 740 best Fancy Foot Batia do do $\} 0$; $\left.\begin{array}{llll}739 \text { gecond do } & \text { do } & \text { do } \\ 742 \text { third } & \text { do } & \text { do } \\ \text { do }\end{array}\right\}$ 743 Sugar Bnwl do is. 3d.
753 one Farmer's Stirrups, D. Westman, 756 one Racing do do do do do.................... $\begin{gathered}\text { a } \\ 5\end{gathered}$

Class M. (continued). Desichition. rieminys. Mou'hing $\mathrm{Br}, \mathrm{D}$. Westman,Toronto $£ 0$ stallion do do do 0 Beakinyr-in do do do $0 \quad 5$ Wonvers Shuttle do do $0 \quad 5$ cnd Washing Keeler, Crutherss © Co. St. Catherines
Wooden Serew, S. MicLaren, Nelison test Cooking Stove, Gurney \& Co. Hamilton
seond do McQuesson \& Co. do. do 015 tand do do do 1 vol Farmur and Mechanic. Dest Parlour Stove, Laurence \& Co. Palerno $\qquad$ Reond do '1'. Towers, it. Cathermes 015 tard do Gurney \& C C. Hnmitton

Trans. N.Y. State Ag. Soclety.
$\begin{array}{lll}\text { at Hill Stove du do } & 0 & 15 \\ \text { Bnck Machine, A. Adams, Aontreal } \\ 2\end{array}$
Snck Machine, A. Adams, Montreal 210 at Curn Droorns, Orrm Braynall \& Co., Hanition.
cond do do .................. 015
an Cut Nails, R. Juson \& © Co., Hamilton
econd do do do............. 015
and do do do 010
Allen's $\Lambda$ mer. Agriculture.
Sopper Cut Nails, R. Juson \& Co, Hamilun, [Ts. Gd]
Yhimping Machme, L. Foster, Galt. 015 Clamps, Lionel Foster, Galt Shremakers' Lasts do do MAFowl. Piece, S.J. Green, Toronto 015 allle do do 015 remed do do do 0 10 Chimney Top, TT. Toun, Hamilton 05 indide Tree, McCulloch, Brockville 010 -comed do do do 05
ss N.-Ladies' Dcpartment, Useful and Ornamental.
tit Raised Worsted Work, Miss Robson, Clark..................£0 15
cond do Mrs. Maryn, Hamilion 010
sst Lndies' Shaw, H. Newburn, Stamford
cond do Miss Robson, Clark fird do do do olimgs, T. B. Gracey, Etobicoke 015 sond do Mich. Charthor, Dumiries 010 incy Woollen Jacket, Mrz. Hewlet, Toronto
ieurd Baby's Cap do do iney Wood Scarf do do traw Hat, John McLaren, Nelson 015 :cond do M. B. Rublin, Pruce Ed. D:strict $\qquad$ ird do do Housekeeper's Manual Yoallen Socks, M. Chartion, Dumfr. 015 rond do W. E. Weese, Prince

Edward District................ 010
ird do E. S.Whipple, Hamiltor
Every Lady her own Gardener.

## Class N. (continued).

vo. description. paexives.
598 Raised Worsted Work, Miss Langs,
Widham ....................... 015
1035 second do M. M. Ryerson, Hamilton 010
774 Worsited Screens, Miss Stevenson,
Port Hope
849 second do Mrs. T. Adams, St. Cath. 1510 Woollen Mutens, E. S. Whipple, Husultion
1075 second do $\mathrm{M}_{8}$ P. Howell, Ancaser 010
1072 third do Juhn MeLaren, Nelson Duns stic Daties.
1070 Embo'dery, Mra D. C Van Norman,
Hamilion
1031 Wax Fiovera, do do do 1372 Fancy Nettug, Muss Marshall 015 1232 sccond do Mrs. J. N. Martin,

1453 Cage Birds, F. G. Wilion, Hamillo:
12121 pair Socks, David Buyte, Toronio
${ }_{1250} 12$ pari Socks, David Buyle, Tornto
Martyn, Hamution -015

Class 0.-Fine Arts.
1425 best Oil Painting Portraits, P. March,


Encyclo. or Damestic Eeonomy.
1424 best 2 fullitengit OII Pammans Figures,
P. March, Toronto, diploma 210
second do do do 110
864 best Oil Painting Landecape, J. A.
Saunders, Gueiph - 210
865 second do do do 110
1039 third do Mre: 1). C. Fannorman,
Hamiton, Ency. of Dom. Eco.
1 best Water Co:our Porrait. Mirs.
Stevenson
20
2 second do Mr. Me:rs $\quad{ }^{-} \quad-\quad 10$
1 thrd do do
Ure's Dictionary of Arts.
384 best Water Colour Landsanpe, Thos. Young, Toronto

20 205 bet Crayua Porcrains, ThissThompson, Toronto

210
best Crayon Figures, Mr. Meiss ${ }_{2}^{2} 0$
1426 best Pencil Porirai:s, Mr. Sievenson, Toronto
102 best Pencil Figure Drawing, Miss Thornton, Hanithon
206 best Pencll Landscape, Miss Thomp-
son, Toronto
207 second do do do 10
395 best Luthographte Engrarang, Scobie
\& Balfour, Toronto

730 best Stuffed Birds, David Chambers, Hamillon - $\quad 10$
best Picture Frames, C. B. Wharam,
Toron!o $1 \dot{C} 10$
379 best Stained Glase, J Craig, Toronio 10
381 second do do do 010

Class F.-(continued).
vo.
75 best Specımens Graining, F. Jenkins, IIamilion
1126 second do W. Breemer, Simcoe
Class P.-Potteries, \&c.
717 best Bncks, Jos. Falkner, Hamilon $£ 015$ 684 best Earthenware, John Bawl - 100 685 second do do - 010 $6 \$ 6$ thira do do

Gardner's Farmer's Dictionary. Class Q.-Book-binding and Paper, \&c. 21 best Specimen Book-binding, Ramsay
\& McEndrıch, Hamilton - 110
391 second do Scobe \& Ballour, Toronto 015 337 third do do do Skinner's Farmer's Library. 1439 best Writung Paper, A. \& D. Crooks, Fls borough West 141 second do do 1.410 beet Printiner Paper do do 015 1.443 second do do do 0 1.5 394 best Lutter-press Prining, Scobie \& Balfour, Torento
408 srecond do Rowsell \& Thompson do 110 309 third do Scobie \& Balfour do 1 vol. Ins. N.Y Ag. Society.
Class R.-Ploughing Match.
11 best Plowman, over 18 years of age,
James Bays, St. Catherines 50
7 second do do W. Blackshell do 30
1 third do do James Jolinson
Farmer's Lib. and Jour. of Ag. for 18.55 and 1846 .
best Plowman, under 18 years ol age, Jumes Ross
second do Robert Harris - 30 third do Benjamin Piott

Farmer's Lib. and Jour. of Ag. for 184.5 and 1816 .
Cu.ass S.-Cattle, Native Breed.
933 best Cow, Georg, Wills, Nelson,.... 30
G.i) second do. James Durand. Dundas 110 935 third do. Francis Jenyck, Binbrook Bouk.
939 best Heifer, 2 years' old, W. Davis, N'e'sun..................................... ${ }^{\text {a }}$
911 specond du. F. Jrnyck, Binhiook...... i 5 94! third do. du. do. Bouk. $\left.9^{\prime}\right) \&$ best Heifer, 1 year old, do. ....... 22 945 recond do. do. do. ....... 15 913 third io. do. do. Book.

Ciass T.-Grade Stock.
514 best Cow, 4 years and over, Peter Fishor, Nelson, ....... ................ 3
911 second do Lockhart Duff, Barton... 110
9114 hird do. A. S. Newburg, Book.
1555 best Cow, 3 years' old, Gearge Willson, Guelph,

210
912 second do. Lockhart Duff, Barton, 15 816 best Henter, 2 ye.rs' old, Jno. Smith, Hamilion,

15

## Class U.-(continued.)

xo. desceiftion. premit 452 second do. W. A. Gott, Aumaster, 50 921 third do. Juhn A'Callum, Nelson, Book.
515 begt Keifer, 1 year old, Peter Fisher, Nelson,..... ................... !
453 second do. W. A. Gont, Ancaster,... 0
802 Grade Bull, (extra) James Robsun, Brantford
Cl.ass U.-Extras.

650 Box Srgars, Duvid Rose, Hamilion, 0
65: Smoking Tobacco, do. do...... 0
651 Chewing do. do. do......
6633 pars Gaunilets,W. II. Glassco, do. 0
675 Cheese Press, Thomas Hatt, do. 0
679 Ladies' Saddle, Thos. Fleming, do. 8 1356 Card Rack, D. B. Galbraith, do. I' 1381 Moriciny Machine, Jolm af Alister, ! 1389 Do. do. do.
1393 Confectionary, R. Ecclestone, Hamil-
ton,....................................... I
8732 bushels Rye, J Anderson, G. Dist. 1
880 Frut Drying Machine, James Lewis f
886 Cotton and Woullen Quile, do.
8858 yds. Lanen Diaper, Jacob Inglehart (
888 Wooden Pump, Gartetr ILowell, An.
caster.
837 Model Grandstone, do do. 1
893 half-dozen Dowlas, Miss Watt, Paris
895 Quilt do. do. $\beta$ 896 Lace Veil, Mrs. Galbraith, Hamilton 897 Steel Bag, do. do.
808 Worked Lace Bag, do. do.
900 Saw Mill Dogs, II'Questen \& Co. IIamilton,
1131 Lot of Peaches, M1. Askinan, Barton,
160 Pair Boot Trees, J. Soady, Toronto,
161 Set Lasts, do. do.
2:27 Sot Socket Chisels, S. Shaw, do.
6.57 Copper Pegged Boots, J. 13. Dayfoot,

2321 prece Factory Cotton. Rev. J. B. Fuller, Thorold,
210 Entire set of Artificial Teeth, wath other Teeth, C. Rahn, T'oronto..... 431 Gent's Saddle, W Davidson, Hamilion 436 Side dn. do. do.
443 Gents Sadule, E. MrGivern, do.
553 Road Scraper, B. Pickard, do.
$7 \times$ Duble Carriage, J M. Willioms, do
789 Single do. do do
4231 Kip Skin, Clement and Moore, do
7251 Bux B Suap, S. Smith, Galt, do
153 Imported Cuming Machine, J. Bell, 1500 Socks and Stockings in !ot, knit by a blind Girl, J Webster, Dundas,
877 Cotion and Woollen Coverlad, Wm. Gage, Barton,
1146 Lot Poulty, J. D. Ifathaway, St. Catherines, Diploma and
1483.Lucomotive, S. Fieming, Diploma, 1299 Moss Baaker, Miss M. M. Ryerson, Hamilton,
853 Palched Counterpane, Cruthers \& Co St. Catherines,
xiednas of the Provincial Aaricultcras ssociat.on of Uprer Canada, at the Anthe Meeting of the Association, held in fis Citr of Hamilton, on tae 9 ria of Oc . sesk, 1847.
Moved by Samuel Clarke, Esq., tosnded by Sheriff Rutta.t,
nat the Honorable Adam Ferguson be Presiiof the Association. Carried.
Moved by John Wettenhall,
ronded by Wm. Mathews, Esq.,
bat Ilenry Ruttan, Esq., be Semor Vicendent. Carried
Moved by J. W. Gamble, Esc, conded by W. II. Merrit,
tat John Wetenhall, Esq., be Junior Vice. cdent. Carried.
Moved by Henry Moyle, Esq ,
conded by Samuel Clarke, Esq.,
sat W. G. Edmundson, be Secretary. Car-
Moved by the Hnnorable Adam Ferguson, conded by IIenry Ruttan, Esq.,
at W. G. Edmundson, be Treasurer. Car-
Moved by Henry Moyle, E:q,
conded hy Henry Rutian, Eiq.,
int a vote of thanks be given to the late ident, Mr. Thomson, for liss able conduct in cair. Carried.
Moved by Henry Ructan, Esq,
conded by E. W. Thomson,
jat the m:xt Provincial Exhibition be held 'Town of Cribourg, on the first Tuesday, Larsday, Thursday, and Friday of Oziober, $\therefore$ Carried.
se tollowing important document was preW to the Association, and a series of Resois were adopted, and a Commutee appointed be purpose of lringing about the object so f desired by the Atill-owners, and others ested in the wellare of the agricultural ins of the Province:-

St. Catharines, Oct. 20th, 1847. la meeting of Mill owners on the line of the and Canal, it was
wled-That Messers. Jacob Kerfer, Thomas lerrit, and James Park, be appomted a Comee, to diaft a letter to the President and bers of the Agricutural Association, to be whed at Hamliton, on the Gith and Th inst., ig forth the actual state of the respective ats in Canada and the adjomng States; and amendung that measures most likely to se the value of the natural producnons of ades of the borders, be taken mio consider. , with a hope that some effectual remedy be suggested.
was also resolved-That a deputation, con; of Messrs. Yohn L. Ranufy, Thomas R. itt, and Jacob Keefer, be appointed io prethe said letter.

George Keefer, Jun., Chairman.

## To the President and Members of the Provincial Agricultural Association.

## Gentlexes,-

The assemblage of the talent of the Province to promote that great interest in which mneteentwentieths 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 marlets, wheat commands from 53. to 5s. Gd. per bushel in Cleveland, Buffulo, and Rochester, on the south shores of Lake Erie, Ntagara River, and the Ontario, and only 3s.9d. to 43. 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 recapululate.
The fact that the agriculturists of Canada are subject to this decline in the value of their bread stuff, whilst a similar decline can never happen, under any change or circumatances, to the agriculturists of the negghboring States, must, if continued, most materialis 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 most cease here, and the population depending, thereon, together with the shipping, forwarding, and merchantile interests, must go out of emplayment. Its a further proof, the entire capital embarked in malling on the line of this canal is at this moment wholly unproductive; not a single mill is in motion. Fify 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 feet, however, a confidence that amongst the assembled wisdom of thuse so deeply meterested in promoting agriculture, a remedy can be suggesied, and they will cordially unite in supporting any measure which has for its olject the equalizang of the value of the products of the respectuve countries, that we may not be subjected to those fluctuations, from tune to tume, whel) must so seriously retard the prciperity of the Province.

With high respect,
We are, Genileman,
Your most obedient servants,
Grorge Kefer, Junior, Chaiman; Jacob Kee. fer; Cuwan \& Park ; S. H. Smith; Alexander Christie ; James Gage; Thomas R. Merritt;
John L. Ranney; Calvin Phelps; Hugh Boomer.

EDUCATIONAL AND SOIENTIFIO DEPARTMENT.

The applteation of Seience to Agricultare.
No. II.

Botany is a science, with which every.farmer must have some partala acquantance, whether he is conscious of it or not. The selection of plants in the rotauon he atopts, and the choice of the best varieties to particular soils, climate, \&c.. necessarily mply some aequamtance, at least, with their habuss and charactensucs. It is not necessary that the farmer should become a serentific and systematic botanst, in order to be an improving and successful cultuvator. Bat at is obrious, that the more he understands of the laws and conditions of vegtrable phenomena, parucularly as they relate to the cultuvated crops of the farm, the greater wall be his chances of success.

A knowledge then of this beautiful and aturactive science materially assists the farmer in comprehending the natare and requircments of the various crops he raises, and consequenty, to adopt the most sutabie system of cultivation, as regards both soil and climate, so as to ensure the largest amount of tegetabte productions. It is true that some quessionsconnected with the orgenisation and natrition of planes are yet involred in considemble obscurity, so that the practical farmer cannot avail himself of all the aids which a more advanced state of physiological botany will mos: assured!y oue day afford. The chemist and the botanist have been too widely separated. Many of the mos: interesting and important facts connected with the germiaa:ion and growth of plants -tacts clicited hy long and patient observation, can receive from modern chemistry only such light and explanatioa as to adapt them to the use of the practuc:l culciasto:.

There are few things that oceasion the former more trouble and expense than weeds; and their thorough extipation is a matter of the greatest pract:cal difficuity. The ?ossoccasioned by weeds is 100 notorioas to need but a bare mentionand notwithstandiug, the many great improvements that have lately leen made in the best caltivated districte, the loss and anxiety to the farmer occasioned by these unwholesome inroders, are far from being removed. A slight acqaintance, however, with the organs and functions of plants would material! assist him in hapinis within due bounds these robbers of his callivated erops. The roots and leaves of a plant are in:- The art of the honiculturist, it is true, ena:
tf upon a small scale these naturalicondiand by means of an artifical tempe:ature gate, 10 immate nature in her tropical pros, but this he does in a wery harnble dety atheavy expendture and the constant sof anel angenuay and care. The case enfor ulurist, caderd, presenis such an exjom, , is austrates andicurfirms the seneral zanerg, a unatoras athu atinsviabie cumbecanera the eadoess tarie. of tivag plants : Eno wath sumports them, se modified by f, as .o atom tue eath by the most beauil sar.ed prollctions.

- must practicady and useful depromemt on to the tarmer, is that which treats of the ay aad functions of plams, designated veg-phyiology- Thus scernce, as interesung as setal, exprains the structure and functions ant, and traces the nanerous and wonderanges it goes through, from its germination seed, to the tuil maturaty of 115 organs of action. When we consuler the mimense ot organic vegetable matter, which is conan o.15 torest grasses, and culturated crops, ty becomes a question of antense interest, aly in the tasmer and gardener, but to firellecing and enquaring mind, whence ce miterass denved for building upihas va3i Eblage of organic structures? What is the of of their compusttion, and by what force is tring plont enabied to assimalate them into dxa siructare 1 These are questions not -5 ot spectiohive interest to the philesopher, It the teeprest importance to the practicalfarSere:a le physuiogy, aided by lhe recent सyareno and discoveries of chemistry, inathese mysienaus processes whth more than ary ut erst, and tanparis a light to subjecte rno :hoouled in oiscurily, that is adnurably Fird to encite the carionay, and inprove the tase of hat antelatent cultave:or of the soil.
tee hat of the mater of which our forests and crated conis are composed, consists of carlon, fanentary subsiance, the most common vat of wath is well known as charcoal. The 4 subse:anc- paeriousiy to its being asimilated re fhins.ensted and floated an the atmosrely as a ous. How is this astomishing change
 zinvuke the and of two sciences-chemustry, frozen soil, under this infloence of so:ar acikrt.
 that carbonic acid gas is a chemical com-Imatarity.

Again, what a beautiful adoptation does science disclose between the animal and vegetable worlds' What a mutual dependence! Look at the ex. panded leaf; study the physiology of the living plant; and with a mind under correct moral discipline, you cannot fail to trace and adore the inimitable perfections of the Creator. "The air contains only one gallon of carbonic acid in 2500 , and this proporion has been adjusted to the health and comfort of animals to whom this gas is lustful. But to eatch titis minute quansity, the tree hangs out thousands of square feet of !eaf in perpetual motion, through an ever moving air; and thus, by the conjoined labours of milliuns of pores, the substance of whole forests of sulid wood is slow!y extracted from the flitting winds"

Another view is opened up ty vegerable phy. siology, of great moment to the practical framer. Plants obtain, as we have atready shewn, the greatest portion of their carbon from the atmos phere; but the otimer materials of which they consist, such as earthy and saline matters, they get from the soil by means of their. routs, The exiremities of the rouls are furnished with what are termed spongioles, from their resemblance to small sponges; these con:ain a large number of exceedingly minute pores, so small indeed, that nothing in a solid form can possibly enter them It thus becomes evident, that the food of pianis caa be taken up only in a liquid or gascous state. Hence, in applying manures, so as to secure then full bentfic to the crop, the destrabieness of the pracucal farmer naking hamself acquanted wath the laws that govern regetable numitor. It tis only a waste of labor and money to apply solid manures to plants, ader conditions which will prevent their hecmange seluble, the oudy state in which they can become active, or of any use. There is a great difference in this resp-cl in the nature of the vorious substances cmplayed as manures; some being mare readily decomposed, and rendered stiluble than others Wonllen rags. bones, and rough farm yard dung, requite considerable tume and moisture to reduce them into a proper suate in enter iato the citcuation if pl nis. white the nimates ol forath and suda, whel are very de.iquesent sal:s, are brought quach!y inso action by the slight agency of a common dew. We have sren the action of these mawares wh: wheat and oiher crops, in the whisec of ferty. eish. hourg, when a wann showe bas immediati:y. followed their application. There is no mistak-
ing their action, the yellow feeble leaves of plant specdily become changed to a sws grean, indicating the assimilation of the nilr of the manures. The conting of flint or si: which gives sinoothness and strength to the st al wheat and other cereals, previuusly existe the soil in a state of fluidity. And every must have observed the strihing effects of a the: shower, on the growing crops of manured las dry weather. 'The moisture and heat actingt materials that had lain dormant in the suil, become changed in their cundision, and brought within the range of the chemnalal affic and rital forces of the plant.

And here again we may just nolice, the nection and mutual dependrnce which are fo to obtain throughout all neture, holh organic inorganic. The soil, comprsed as it is, of ous minerals and salts, combined with a var proportion of the remains of animols and vez bles, is a dead inert mass. No animal can port its existence directly from these earthy to rials. The plant intervenes, and forms the g connecting link, between the mini ral and on kingdoms. Thus by a beautiful law of ra we perceive an extensive systrm of harmut conuection and mutual depradence. Man, wa occupying the highest position of all creaturt this wide and all omhraring eyserm of cres wisdom and providential care, cannot fail deeply imressed with the tru $h$, that for his terial orgonization he is dependent upon, nad timately connected with the earth; nut of u : dust he was originally foriner, and in $x$ t bosom he must ultimarely return

Oar space compels us to ciorse liese intred tory remarks. In nur next we shall cuncilte: chatus of chemisry on the attenitin of agi: turists; and in future papers, we hope ius the applicaiion of the facts and laws of that uselul and aturactire sciencr, to the ait ol col: and the phenomena of daily bife.

## Common School Edacation in Orpor Canzaz

It must be a matier of unmined gratifica to every lnver of thas councy ind his race, io the cause of.popular educabun, at ti,s promi in a state of progrtssive adrancemem. In id of this, we hayc sitcere gic asure .n d..ch.ons
 connecion with the upenus oi cire Su Schoul in this cay.

3 probably known to most of our readers, noder the new CommonSchool Act, forthis sce, a Board of Education has been estab$\therefore$ with a view to introduce a system of inon into all our common schools, as should sbest adapted to the growing wants of the of this colony. That Board has wisely deed, shat, in order to intruluce a superion = of education, one of the first requisites be, to provide a more efficient class of inors. To this end, a Nornal, or Tramang n, for the eystematic instruction of young in the theory and practice of popular edu$\therefore$, has been established in Toronto; and a :opening of the same took place, on MonSovember lst, when appropriate addresses sade by Dr. Ryerson, the Chief Superinit of Education, Mr. Roberison, the Head ${ }^{1}$ r, and Mr. Hind, the Teacher of Mathe-
: and Natural Philosophy. The attendance smerous, including the Lord Bishop of Tu, several of the Clergy of the vanous denom-- ©, Dr. McCaul Vice President of King's ge University, Mr. Barron, Principal of Upanada College, the Mayor, Chief Justice ${ }^{t}$ son, and a number of influential cilizens.

"RoaSoard has been fortunate to secure on easy in very sumable building-the late GovernHouse. On the walls of the lecture room, pis exceedingly well fited up, we observed seellent set of maps, promts, illustrause of al history-diaurams for teaching mechanifalos.phy; while the lecture table was Fod with a pretty extensuve set of general zine, and modets of the steam engine and Ene:\%, suffictent we should say, for conpog the puphts through an etementary course =mistry, electricity, mechanice, \&ic.
: are glat to find that agricultural chemised inechanics are to occupy a prominent in the system of education pursued in the -2al Seho.l. This will, in some degree, sup. widery fett want in the agricultaral commu. Younsemen will go forth from the Normal fation, into different secanns of the country, one having his own ittle sphere of duty and Finesu. In prncrus of timue, the whole coun--tii je ore:uneii iny cumperent zeachers-not F. 29 it relates to the usual branches of edaca-
2. hat inctudurg thase likewise, which have a

* a aud unportam trearing on agncultaral par ats and lie mechonical arts. In this way
a little leaven, lormed in the Normal School, 4 will go on increasing and ramifyng, ull it has leavened the whole lamp.
If the nanoral system of education now proposed, and happily commenced, be only sustaned wath energy, and carried anto operation in the true spirit of an all einbracing phtanthropy and charty, who can tell what blessings it may be the means of amparung to the rising generation of Canada? Not only will our arts and manufactures and agriculture receive new and continued inpulses towards a progressive development, thereby increasing our national nealth, and opening up fresh sources of national greazness and physical enjoyment, but what is of atill greater moment will be sure to follow, a tendency to an ever increasing degree of intelligence, order, indusiry, and virtue, among the great mass of the people.

We have perused with much satusfaction and pleasure, Dr. Ryerson's very able and anstroetive Report, recentiy published, on a system of Elementary Instrucuon fur this Province, and heartily recommend at to the best atuention of our readers. And if there were no other reasons for carrying inte full effect an improved system of instruction, the starling and humiluatung fact, etated 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 sofertile in the discovery of means for social amelinration and the proniotion of man's highest good, roald be a disgrace to our civilization,-reproachful to our common profesion as christains, -and must ultimately jeopardize the institations and imprir the prospering of our country.

Entertaining these views, it is our rarnest desire tosee all pariy feeling and projudices laid aside, relative to this great question, and to put lorih an unised effort in difiusing far and wide, the ug. $t$ of knowi-dye, the epirit of patriotism, and z common brotherliood.

To prevent stoclling from a Brasse.-Tmmir:diately appuy a c!oih, five or aix suld, dipped un cond water, and dipped anew as soun as at growis warm.

## A few Seasonablo \#ins.

By the period that this paper gets mo the hands of musi uf as readers, the usual season tor fall ploughing wal be nearly drawn to.a closi, therefore, $t$ wuuld be rather out of place, to make, any extended remarks touching upon this branch. of tarm labur. We might, however, state, that on strong ciay lands, cheap and profitable husbandry can starceiy be carried on whhout autumn ; ploughing, and un such suts, at least, the plough, should be hepi an fuil operation unal the trost sets; in so severeiy, that this necessary branch of Jabor! becomes suspetaded. At nu season of the year can, deep ploughing be executed so cheaply and wath. so much advantide to buth man and horse as, this; and those. lurmers wio have not fully sansfied themselves as to the profits that may be de- 1 rived from thas ande vi mprovang the quanty and consistency of their soll, should by all means avail! themselves of the present opportunity for dong so. 1 On many sots deep ploughing is not app.cable, but those cases must be wewed stnetly in the, light of anenc-ption to a general rule. Hundreds ${ }_{j}$ of farmers in Catada have iested deep ploughing, apon suggesianns made by ourseives, and have, reaped a goden harvest, ranging fium twermy to, twenty-five per cent. of an ancrease, greater than, they would hase dunt, had they sumply ploughed the ordinary depth. A much greater merease than the fureguing, has been prouuced on our own farm, by ploughing from 10 to 12 inches in depth. The greatest product of which we have any knowledge being effected by $\mathrm{d}-\mathrm{ep}$ ploughing, was the resolt of an expeciunent made by nurselves three autumns snce, which gave the exiraordinary gieid of 45 bashels of spring wheat per acre, being 15 bashels per acre mure than was prodaced in the same feld, atu upons sua ta every rerpeet in cqual conduon, eact $\mu$, wat whe:e the expenment wap mprde, the land was p.oughed 12 mehes in depth. We have frequent! found nuch adomage from harrowing anumn ploujhed land, a short trme before the wi.ter sets in, by which promess the wild grases and noxivus furd-weeds dariag the wimeer and apr ng montif, u.I: underye a greater degree of feriar atasam, han af the intersuce or turrow laps had huitreca clused wath the berrow. This practice is pracumally op pheables as aiready g:ared in those casss whicre the land is in a foal condition, and it shonld nat on ang account be adopted on clean stabuic or sward ianal, for the very dovious reason, that the frost will act much
more efficienly upon a deep open tirroir, those that are close and laid perfectly flat.
In many portions of the country, the 3 : wheat plants have suffered very severely fo attack made upon them by the grub of the sian Fly. By this time the grub will have; into its flax-seed state; and hence, no furle need be apprehended from that source the of season. Those who find that thes natara, to the wheat plant, has visited them in gres: bers, would prubably act wisels in fiunat a portion of their crop this autumn, watha of re-sowing at about the 20ih of Mas nes: the far famed black sea wheat. We ly no confidenty advise this coarse fur general tion, but simpiy suggest it as a matuer of: experiment, in thuse porta:as of the s where the Ilessian Fiy prevails to an al: extent.
Every sensible Canadian wheat grover vews with aturn the rapid strndes on wh. awo species of wheat thes have spread is therr laud, and al the dumage dunt the crops thes and the past seasun, be a critei base an opraion as to the projaboce ratas these ansects in future years, then the atur tnay be fartly made, that in less than five thas, the great stapie crop of Canaud wilat go out of cuamenaon tor a few seasoms, sume preventare ve altroduced, which wos mit of unisersal adopion.
Both the Hessian and wheat flaes are means strangers to this con'memt; and $\mu$ trom their well known nabits, and their e. ingly destrucive character, the oniy certaia of prevenung uerr ravages, is to evade tir sowing an early variecy of spring whear: $a s$ the 2 Uuth ot May, up to the first week in Such a sanety may be had on the neughto ot Laebec, when has been grown by the. Canadiun famers aurng the past hatf ce: trat the one most castity liad, and which ha toond pront agamst the fly in theusands stances where jate sowing was procuced, ㅍoll Lincona vacetig, huoun by the Blas wheat. It woud be weil for those tarme: bate ony cons derabue quantuy of this ra: aheat in the or pusseston, to retain at tors it muotbe al great denaad next spring for ing.

It is the opamon of many that we. statl. pretly severe winiter the approaching sfaso.
:ber this predaction prove true or not, it is obvious that it stands every, prudent farmer and to prepare for the worst. It is a much - judicinue course for a stock breeder to feed a sparing hand in the early part of winter, to largely exhaust the supplies at the cornsement of hre season, and then be obliged 3 the winter is only about half over to feed $\therefore$ a sparing hand, and probably befure the carh of spring jeopardise the life of the als, hy crontily surplying them with even saareest puality of foddrr. It as quise imposto sulhnit a code of rules to practical ere, the wonld admit of an universal adopbut it may be fairly said, that both the 's of tha , hanure would be improved. and idder, whither it be of the coarsest or finest Y, wau'」 yo much farther, and be much : bunefic: ! to the stock if they were provided rarm and romfurtable winter quarters, and idder chenped with one of the modern im. d markines in use for that purpose. Al,h there ' ive bern great impusitions made the Candian farmers, by the sale of an incarticle rf craw-cutures, sill it does not - that ${ }^{\prime}$. 1 and durable machines cannot be Mach": sif an uarescepticnable guality he liad in Toron'o, at a ressonable price, wi!l $\cdots$. fur times as fast as the old med mu hive; and those farmers who have brock :口 winer, would doubtless find great tage from thrir use.

## To tho Roaders of the Callivator.

, the su wh amnual voiane of the Eritush acan Cu'tcittor is nuw neady brought to a , we ear. ate the oppormanty of explamma a - icuia.s which many not be found uninter: to iha jurt.on of onr renders, at least, who lent us c.ris suppori and hifuence from tho ia cur lue i.e though ardent endearors in moog the chararerer of Camadian Agricalture. grs of a very impor:ont na.are will shortly Fected : 1 ler syyle and cinacacer of our emse, and therefnre we conccire it jast to our rous pa-rowo, thet we ehoned caplaian oo theu sure of thase contemplated changes, and otive which brought them about.

- fict is doubless treol'ected by many, that : - summ r of 1841 , the Canadian Farmer of -anic, was published in the City of Kingston, ufier a short career died, as the Geresee

Farmer announced it "for want of proner care and nourishnent." Being a practical farmer surselves, and having a large stake meested in that pursult, and bestes beng placed in a sstuation whese we had frequent mercourse in the then Capital of Canada, with the leading and most popuiar men of all parues, we untortunately idenufied ourselves with the paper already alluded to, and were mstrumental in getung them a very large list of subscribers. A short tume after our return to Toronto, and pretty soon atter the first Session of the late Lord Sydenhan's Parlament, the editor of the Furner \& llechrme absconded to the United States; and the puthisiter at once proposed that we shouid purchase his interest in the enterprise, which was done to the perfect satisfaction of all parses. The Eratis/k American Cultirator was established upon the fall of the Canadian Farmer \& Mechantc, and their engagements were made good to the public, which alone cost us upuards of $£ 100$. At the close of the third year, the actual loss sustamed, without any indemnification for ume, and the relnọuyshment of an highly lucrauve stuation, amounted. to the almost increditle sum of $\pm 500$. At thas period in the history of the enterprise, it wasthe ananimous opinion of all wath whom we consulted on the matter, that the wisest course to porsac, would be to abandon the publicatuon altogether, and ae a raluable fnend stated, make the finm lose the least. This advice was unheeded, because we knew that we had nany tred finends. Who appreciated our exertions in a course which but few would have made sach severe and dificult efforts to establish, and reisang upon thas, hope, and baving confidence in our ability to carry it successfully throagh in the course of time, we resolved that we would at once emp.oy a large portion of our time in active nperations on the farm, and thus not only cortail very heavy expenses, but make op a purtion of the less previousiy sustaned. Afies epending two years on the tarm, we atrenurasly urged sonie enterprising person to open an Agricaltural Warehonee in a ceatral part of the Province, for the sule purpose of antroducing the tabor-sa ping inachunes, and a mprovements of arher countries in Canada, by which means our farmers and mechanics might compere with those who reside in older countres, and have greater facili. lies for dolng a more extenswe and proftable? buainess. No one responded to thas saggestion, and 82 a very conaderable anconvenience and
sacrifice, we opened the Agricultural Warchouse at our 0 n $n$ risk and expense. At one period during the past year, kee lloughe that it would be judi. cious to bring the business to a close, and again devote a large portion of our time on our farm, and in fact was on the point of doing so, when the idea suggested itself, that sales might occastonall'y be effected hy the employment of suitable canvassiug ngents, whose sole business it would be to call upon every fatmer in the province, for the purpose of introducing to their favorable notice, our establishment, and the superior facilitirs hetd out for the procurement of the most improved machunes of the day. To accomplish this object, we had to make choice of only one course, viz:-To diccontinue supplying Agricultural Societies with our publication, and thus give steady and profitable employment to a - number of agents, which could not have been done by the sale of agricultural machines only. By adopting this lanter course, we have in some instances dippleased some of our very best friends, who have publicly declared that we no longer merit their approbation, and rather than support us, they would patronise foreign publications, or those pub ished in ourr own land, less suited to effect wholesone changes in our agricultural condition. Of course, every man in a free country has a right to exercise hus own judgment, in regard to these matters; and our cbject at this time, in makng mention of the dissausfuction, is sinply to express our regret, that we should have been conipelled to adopt a course which has had the effect of naking enemies, when it must be seen by every rultective mind, that the course pursued was the only alternative by which we could affird to give a large: pmrion of our time, in promoing in our very humble and imperfect manner, the highly important cause of Canndian Agricultural Improvement. It is thought by some of our patrons : hat we shall lose a very large share of our support, by this unceremoniously abandoning the intr res:s of agricultural societies These Societies were formed, and are parmised by goverument ior the sole purpose of encouraging the agricultural and industial interests of our country; and our Magazine and Agricularal Warelonse have bern established by making heary persoual sacritices on our part, inr the attanment of that object. and alhough under separate and differemt manageinent, the whole may be found to hammoniously co-operate in.binging atout the same end.

If industry, diligence, and careful attentic to the importan daties involved in the very a. dunus and in many respects responsible ente prise we have taken in hand, will entitle usto share of public favor and patronage; thenshall at least make a vigil nt effort in thoser spects to obtain that esteem and sapport. As is fashionable in these modern times to have pretty strong corps of Editors, to agriculturalpo lications, we have coneulted the latest fashic and st:all in future employ in our work, one Pe lister and three Editors. Although the ofd F tor has turned Publisher for a short time, it de not tollow that he will necessarily be obliped abandon the editorial columns; but on the or trary, the new arrangements that are being ma will only add more vigour and interest to ibs departments of the work which are reserved his especial management. The work in for will be divided into several distinct departmer each of which will be under the controul of c of the four Editors. Not more than one half each number will be devoted to subjecla ec nected with practical agriculture, and the rema der will be stored with original information Horticulture, Mechanics, and interesting and rable Fomily reading. The three gratlemens whon we are associated, are abundantly cons tent to perform with credit the duties they by taken in hand, and with their able assisus logether with what we hope to get from agents and contrspondents, we expect that Magazine, in point of merit, will favorably a. pare with any agricultural publication extanh
The plan hitherto praciced by us, has invariably to discontinue the work to alls scribers, at the end of each year; and cor quently, the new volurne in the month of Jaty of each yenr commenced its career wuthor single subscriber. Although we have praci this stringent course from the conmencemert the eutlerpriss, withnut making a single excex: still the cifculation has gradually increased a: rate of from 25 to 30 per cemt. annually, 2 we hate inuch salistaction in adding, that increasp of the present volume is upwards d per cent. grenter than that of last year. : great increare must be solety antributed to new arrnagement in emp.opiny competeat velling agynts. In nne Districtalore, the inci sitice the firs: of Toly, hins excrecied 1000. scribers: Althn:gh we may lose some of ox subsc̈ribers, we feel confident that our circa.
if year will be more than twice as great as it it present. We want to stand or tall pure. apon the merits of our eaterprise; and if jof our readers entertain the idea that it is - worth the trifling consideration of five shal$\sigma^{3}$ per annum, then of course we nether desire - expect their support. As we have now a Ejent number of traveling agents in our emrment, to make a thorough canvass of the tire settled pirtions of the Province, in peri'of once in six mun'hs, we sholl, comrary to - former practice, continue sending the publitions to subscribers from year to year, and our nis will ot cururse be instructed to collect the scriptions. Although we shall practice the dit system on the plan proposed, we at the se time expect, that when called upon by! enis, the subscribers will not put those agents the trouble of making unnecessary visits for trifing an amnunt; nor do we at the same, ze wish it to be unde: stood that the Magazine' ctowded upon those who would prefer having discominurd When a subseriber wishes the ak to be discontinued, the proper course to sue would be to give euther the agent or Post Fis.er norice to that effect, so that we should a be obliged to pay postage on returned pa; F. The foregoing explanation has been made the purpose of apprising our subecribers of y real object and intentions, and we heartily sire that they may be understood in the light fy were insended by the writer.

## MEOHINIOAL AND SOIENTIFIO DEPARTMENT.

This drpartment of the Cultivator will in fuae be conducted upon a more enlarged scale, in der in intruduce into Canadn some of the many Epuriant inventions and inp-ovements that are pastanty heng hrought to light in various parts ithe world; wathout this bemg dome, this coun7 cannat keep pace with the progressive immrements of other conntries.
This is a subje ct that de píy interests :lli ciasses, thicularly the Agricuiturist, the Manufacturer, be Art \%an, and the Mecianic, as.wetl as scienic men, and we hope through the agency of se Cultivator, and the Agricultural Warehouse, the instrumental in intradncing into this counir many in:proved isnpements and labor-saving chines that can be ly atstly recomnended, and
fully approved of by practical men. The day is fast appreaching when these improvemens 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 progrtssive strides which modern science and art is now making in various paris of the civilized world.

This is an age of unversal change and improve-1 ment, and requires a constant miellectual exertion for the mind to keep pace with it.
This task which has devolved upon us, is an arduoas undertaking, and in order to carry it out fully to the salislaction of every well wisher of so noble and patriotic a cause, it must be assisted and sustained by the Canadian public and by practical and scientific writers.
How many writers are there in Canada ready at any moment to rield the pen in writing long prosy articles, in ton many cases to furiher corrupt partyism and political quackery? How much belter would it te for themselves and thee country, were they to devote half as much of their energies to advance the arts, monufactures, and science, upon which the prosperity of the country is mainly dependant?

We will endeavor to make this Journal more useful and interesting to mrchanics, 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 prople.

## Oseful to Rheumatic Incalids -Yersons a flic:-

 ed with that distres-ing disorder, the Rheamatism, will be glad to learn that it may be cured by: a very sinp.e remedy, which 1 have found to be very efficactuus. Having had two very orvere attacks of this panful 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, 10 no paryoze, I found by drinki,ga strong decoction of Savin, for a frw days, it produced a speedy; cure cac! time. Savin is one of the evergreens, and resembles in appearance a shade betwern spruce and balsam, and of a dark green colour. This cure is canfidently recom. mended by A Friend.Ti Dicpare Lunce For Munure.-As mills for grinding bones are very costly, it is a great deaderaturn fur the farmer to know how he can otherasse prepare then for has crops. By the following simple method he can reduce them to a fine powder and ncrease there value foar fold.'

Take oare handred pounds of bunes and place them in a hetlic, ur in an old sub unfit for furthes use, or even in a loilow scooped in the ground, and inale tight by liming with clay. Next take from thirty to thiry-five pounds of ofl of viriol (sulphuric acid,) mased whit one-thard to one-half its weight of waler, and puar suer the bones. In a day or two, the bones will dissolve into a ligud paste, to what here must be added, by sturning in wood ashes ur fine mould, until it is of the consistency of thick mortar. Put the misture onder cover out of the way of rain, and in a few weeks at will become a light dry puwder, which may be appited by the hand or otherwise, to any, kind of land that inily require at. In prepanng this mixiure, great care mast be observed to keep the on of varaul from toucling the ciothes or skan, as it will burn them as tadly as fire.

The oll of vituol, for this mixture, must be of a first rate quahty, otherwise 4 would require a greater quantuy than given above to dissolve one handred ibs. of bunss. The mixure answers best for a turmp crop; but it is haghly valuable for orher roots as weil as for grass and grain. It should be applied at the rate of iweniy to forty busheis to the acre, sown broadcast on grass land, ${ }^{\text {, }}$ in the spring, or on grain and tumip crops after harrowing in the seed. Fur gardens or field crops planted in ruws or dr:ils, as roots, corn, beans. peas, \&c, it may be applied in the hills or rows at the tune of sowing. or it may be afierwards sprinhled arvund the planis at the time of hooing.-American Farmer.

Improved Pumping Nachine.-On Saturday trest, some experiments were made on the Leeds and Liverpool Canal, with the view of testing a newly-invented hydraulic machine, by Mr. Nichael Scott of $G$ ágow, engineer to the Liverpool water-works Company, to be applied :o : : e pamping of shys and general parposes. A small boat, provided for the necagion, was drawn throagh the water, at the rate of about four miles and a half per hour; and though the water was allowed to flow in throagh the bottom in a powerful stream, the accion of the pump-which was kept in oreratton merely by the preenure of the
finger and thumb-was sufficient to prevent an: a ccumulation of water wathin the buat. The ma chine nay be said to be nearly suif-acid:g, the pow' er beng obtained by a column of water jaesingly means ul a pipe through the buat, and producin. a vacuan, whach is, by an ingenuus apy:igation made to procure the most excraorduary resaly The action of the pumps as ancreased in propos uon to the speed of the vessel, the ratio leing ? the square of the distance, so that alu.ost an Jimited power may be obtained. It is ead the a ressel of 400 or 500 tuns. might, wih one $c$ these pumps, be kept dry with almust any cos cesvable amount ot leakage, and liat by the la bour of one man, besudes, there to nu probabilit of the machinery getung out of order, or th parnp being choked, which is otteu cie case wif the ordinary pamps. The prinupipe to exceed ingly sumple, and possesses the advamage s cheapness and durability, which must gotr: 1 bring it into general use. Several graleme were present at the expermments made on Saur day, and expressed themselves higing giutified a the results. Amongst others whu atiended mo Mr. Staniey, engineer to the Leeds and L:ret pool Canal Company. The experiment was be continued yesterday-Licerpuil Ihercury
 is son of the late Michae! Scott, Eiq., uf thas diy and nephew of the late Michael Swit, au hor o 'Tom Cringle's Log," sec. He th libet watat a dietingushed place in the scremitio worid.j

Tb Gather and Preserve Fierbs. - Lis rlos show be gathered early in the mornong, ai lide seaser when they are just beginmog to luwer. Tby duat should be washed, or brushed olit them, axi they should then be dused by a gerice heal, quick as possible.

The British American Cultivator (FOR 1847, NEW SERIES;

Edited by W. G. EDMUNDSON, aid G. BUCKLAND.

I: acompanies the Pronincinl stactrietm Both papers, One Doliar per annum.
All parmments to be made inearinuly in adrakn asd free of pootage, addressed to the Publisins.

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[^2]:    Printed for the Propnetors, by J. CLELANID Boox axd Job Prisier, Post Office Laht King Street, Ioronto.

