HEMP AND FLAX CULTURE.

The cultivation of hemp and flax, has been frequently recommended to the Canadian farmers through the medium of our Journal, and we would the installactory of which has in all countries fain hope that some action will be taken in the matter the coming season.

We feel very anxious, that the business of growing the above plants, both as an arricle for domestic manufacture and exportation, might be engaged in, simultaneously throughout the entire engaged in, simultaneously throughout the entire an extent equivalent to the home demand, of fertile regions of British America, on a scale course the important on those articles would thus sufficiently extensive to attract the attention of the cease. It does not follow from this, that we are to British Government at once, by which means not be any the worse customers to Britain. only a profitable market for the article would be only a promatic market for the article would be British manufacturers if we purchase more than opened and established, but a sure channel for the which we are able to pay. If the farmers grow investing a notion of the mark has been able to which we are able to pay. If the farmers grow investing a portion of the tue-my loyed capital and memp and that, and the manufacturers convert the skill which abounds in Butain, would thus be raw material into the articles above named, and all brought into favourable notice.

familiar with from infancy, is that they fancy their canada and the extreme scarcity of familiar with from infancy, is that they fancy their capital in the country, caused from the great country is too new, or that the undertaking would difference in the balance of trade, being against not pay costs. No one would deprecate the principle of engaging in visionary schemes more plants become a regular business, and the farmers principle of engaging in visionary schemes more than ourselves, but in the matter before us there is sow them in rotation through their farms in the same manner as is practised in Russia and in Flanders, the Canadian market will then, not only paying preparing these crops for market, not only paying setual costs, but also paying from 40 to 50 per cent. for the money invested in the transaction, providing that a reasonable amount of skill b providing that a reasonable amount of skill b of the richest linds in the world, which are now unemployed in British America, could be cultivated unemployed in British America, could be cultivated crop.

doubt the truth of the statement we have just made; but the question with us is, how shall the The organization of hemp and flax societies business be engaged in, on a scale sufficiently should be entered into with spirit, and every extensive to attract the attention of the powers encouragement should be given to the growth of As a reply to this question, we would suggest the established; and in such localities where the propriety of establishing in each District of County cultivators are sufficiently spirited, a Joint Sock of the Provinces, a joint stock institution, con-Company might be formed, by which means a sisting of shares of one Pound each, the half of practical example would be set the surrour sing which to be paid down, and the other half in Joy tamers, and the description of machinery used, which to be paid down, and the other half in 3 or farmers, and the description of machinery used, 6 months. The company should sow in a proper and the mode of using the same, would be seen by masner a certain number of acres of each of these all who would take the trouble to examine them, plants, and procure machinery to be propelled by and the expenditures and receipts of the business. water or horse power, for the preparation of the fibre for market. The crop of seed and hat should be sold in the best market, and after all expenses were paid, an equatible dividend should be made to the stockholders, and the original investment, in the several Districts of the Provinces, to adopt together with all the new stock that could be some well concorted plan for engaging in the procured by the Board of Directors, should be culture of these plants. If only five acres of each again expended in the sowing of a still greater were sown in each county in the Provinces, and the number of acres, from year to year. All the tesults of the several experiments published, a information on the subject that could be concerted beginning would thus be made which would by the Managing Committee or Directors, should ultimately tend to the general cultivation of these be published on behalf of the institution for the crops. We would however, rather prefer sowing general benefit—and thus not only the business 50 acres than 10, providing the Company were would be practically established, but a vast amount abundantly able; by having a large Capital, a stood, would find its way to the fireside of the proper manner, and on suitable ground, and also poorest stitlers in the Colonies.

on paper, but the question again rises, how shall it be carried into practice? we would say, simply by engaging the honest, patriotic, and wealthy portion of the community in the cause, and trusting only those who have been long proved for their honesty, price, to any individuals who will engage in the sound judgment and purity of purpose, with the culture of this plant. A quantity of flix seed will keeping or controll of the faulds and its mode of most likely be imported, by some of the seed appropriation.

We shall not be satisfied, until the profits of the business before us, be fairly tested. It is our fixed opinion that no branch of agriculture would pay equal to it, and besides if these plants were grown extensively in this country, it would be a great saving in a national point of view. At present there are about £40 000 worth of cordago imparted into Canada yearly, which might be meanthe ured at home with handsome profits there are about a like quantity of bagging and experiment. cauvase imported, which might be spun and wove In growing flux and hemp, the richest vegetable in a rich soil.

here by machinery if gentlemen with sufficient capital and a proper knowledge of that department of business could be induced to engage in the enterprize; and there is a vast amount of oil used been a most prefitable source of investment, which might be manufactured in these Colonies, so as to enable the manufacturer to compete successfully with those who now supply the market.

If hemp and flex be grown largely in the British American Colonies, and if the manufactory of cordages, bargar; and oils, should be carried on to

We muntain that we are bad customers to the those departments of trade are carried on with wholesome profits, the results would most certainly The great difficulty in inducing the farmers in bothst outh famour and manufacturer would feel a British America, to engage in the cultivation of pleas are in purchasing luxuries for their families, of any particular crop, with which they have not been them, a consequence of the expression expenses of the expression of the expression. with good profits with these plants, and in our hamble opinion it only requires public opinion to be All who are familier with this subject, will not secure a very general co-operation in the business arouse to the importance of the enterprize, to

The organization of hemp and flax societies together with every branch of the management of the crops, would be published for the general berefit.

We earnestly recommend the influential farmers All this kind of reasoning may sound very well for dressing and preparing the fl-x for market.

We have solicited Messrs. Hewson & Love, proprietors of an extensive repe walk in this city, to purchase 100 bushels of hemp seed, which will be sold in the foronto marker, at barely cost most likely be imported, by some of the seed merchants for a like purpose, and independent of this encouragement we are authorised to say that the Hame District Agricultural Society, will award v ry liberal promiums for the best samples of the hires from these plants. With a certainty of a aroficable market for the produce, and the foregoing extra inducements, we would beg to urge upon our friends, to engage in the business though it be even on a very small scale,-the results will unquestionably be sa isfactory if justice he done to the

grounds should be selected, and the soil should be ploughed deep so as to lessen the liability from injury from drouth-hemp requires richer ground than flax, and at the same time is a less exhausting This is caused from the fact, that all broad test plants receive a considerable portion of their food from the atmosphere. A bushel and a half of flax, and two bushels of hemp seed may be considered a liberal seeding,-a less quantity per acre will suffice, when the crop is cultivated principally for the seed, but when the seed and principany for the seed, our which are seed and abre are of equal importance, the quantity of seed per acre should be equal, if not even more, than that recommended. The richest and best cultivated lands in Canada would average in flax, about 20 bushels of seed and 4 cwt weight of fibre per acre; and in hemp about 25 bushels of seed and 8 cwt weight of fibre per acre; this quantity however, would in many cases be doubled.

Tre best features connected with the growing of these crops are, that they will be a means of giving profitable employment to our labouring population during the long winter menths, and will be an important item among the sum total of the farmers and will also save some £50,000 or £100,000 to these Provinces annually, which would otherwise be sent out of the country for articles that could be produced at home with great profits.

A few words more on this subject, in the way of giving practical directions, may be found acceptable to many of our readers. The soil to which flux may be most appropriately sown is a rich alluvial or sandy loam, or a loose marle. Poor clays and gravelly soils are very unsuitable, and the flax on such soils will soldom cover the costs of cultivation or even come to maturity.

The best possible preparation for a flax crop is a newly, broken up maiden sod or old pasture. If it were ploughed in the autumn, so much the better, but whether ploughed in the autumn or spring, it should be thoroughly harrowed before sowing, the seed should be very lightly covered with finely pulverised earth. Another plan equally as good as the foregoing, is to sow a crop of oats on the inverted sod, and the following autumn, directly after seed time, plough deep and well for flax, and the following spring the ground should be thoroughly harrowed, and the seed sown without any further preparation. About 5 hushels of house ishes per acre, would strengthen the fibre, and very considerably encrease the amount of crop. good average crop might be expected from an inverted clover lay, which is better for the purpose, if it has lain two years. A friend of ours tried an experiment last spring on clover lay, although on a small scale fully tested the merits of the plan. He ploughed exactly one rood, with as much precision and care as though he were ploughing for a prize, after allowing the inverted sod to settle a few days, Le harrowed thoroughly, then sowed two pecks of seed broadcast and harrowed it in lightly, and immediately rolled the ground, which gave it the appearance of garden culture. The produce in seed equalled 81 bushels, and the fibre was superior to any thing of the kind grown in that part of the country. It was upwards of 3 feet in length, and of the brightest colour and strongest texture. The of the brightest colour and strongest texture. period of sowing is, in this country, as soon as possible after the first week in May. The season will of course influence the time of sowing, but carly is decidedly preferable to late, as it not only lessens the risk from drouth, but is considered advantageous to the quality of the fibre.

The seed to be of good quality, should be smooth, slippery to the feel, bright, plump and so heavy as to sink in water; it should taste sweet, and being broken, should appear of a green colour and oily.

The after management of this crop will be subject matter for some future number.

The difference in the management of the ground for flox and hemp is so very trifling, that they scarcely require to be treated seperately. It should however be observed, that ground for hemp cannot be made too rich with vegetable manure, and that the produce will always be in ratio to the fertility of the ground upon which it has been sown. From 15 to 20 cwt of fibre have been frequently grown per acre, upon alluveal soils, such as is generally found bordering rivers. If this crop be sown upon up land, it must be borne in mind, that it delights