liquor, by saturating it with common salt, and to Professor Simonds. The following state then filtering it through a layer of powdered ment was read from Mr. Creswell, an peat-charcoal, mixed with two-thirds its Professor Simonds was directed to inspec quantity of dried clay, ground. Mr. Tuckett these lambs, and make a report upon the at the same time offered a suggestion, that circumstances under which the mortality search should be made on the north coast of was taking place, and might in the best mod Africa, especially in Tunis, for deposites of be prevented. nitrates of potash and soda. He thought the present time was favourable for such inquiries in districts under the Mohammedan "I have been sadly puzzled by my suck rule; and he cited various extracts from Dr. ling lambs having sore mouths; the affectio Shaw's travels in those regions, showing the begins generally in the roof of the mout natural fertility that had from time immemor- and gums, and becomes so bad that the lamb ial subsisted in certain districts, from no will not suck, but in a few days die. I lost other apparent cause than that of the strong three in one night. My lambs are high-bred nounds of grass seed with the flax, enjoy the nitrous impregnation to which the soil was Leicesters, and of course are very valuable, additional advantage of converting the forconstantly subjected.—The President took In some instances the mother's udder catchest into meadow land. that opportunity of communicating the fol- es the complaint, and I have lost one of them. In the rotation system flax may succeed

iment was made was a peat bog reclaimed partially so. Of course we drench the lambs to be annoyed by weeds. in 1850, thoroughly drained, and six inches with milk frequently, and I have dosed them But almost on any land rape may be of clay applied over the whole surface; the all with castor oil. only crops raised upon it had been oats, turnips, and again oats sown out with grass. How TO MAKE THE BUTTER COME.-In March last I sowed on one portion of the The cream is put into tin pans, and placed acre; and as this plant draws its sustenance new grass 2 cwt. of nitrate of soda with I on the stove with a moderate fire; I then in a very unusual degree from the atmoscwt. of salt; on another portion 4 cwt. of commence stirring it slowly in order to have phere, the crop is not an exhausting one. It guano, and on the remainder of the field no it warmed alike in all parts of the pan. As has been found that by returning the thrash

manure was applied.

The nitrate gave per imperial acre 300 stones of hay, at 9d.

per stone of 22lbs.....£11 5 Guano gave 270 stone, value.. 10 2

Nothing gave 140 stones, value 5 5 0 in the above time. "Independently of the increase of weight of hay from nitrate, I prefer that manure for cither new or old grass, as it appears to require little moisture to put it down to the that purpose, and in about thirty-six hours ever the growing of oleagmous plants had farmers sow reap broadcast, the plan is not after its application the grass turned to a been introduced, and the belief that it may at all approved. Two methods are adopted luxuriant dark green colour, whereas the be equally or more advantageous here in- with much better success. guano requires a good shower of rain to put duces ine to address you on the subject.

In undrained land, the Ridge System.

The field is divided into seven feet ridges, does little good. My trial of nitrate on oats is flax, and although, taking everything into a furrow of one foot wide being formed beand barley last year leads me to prefer consideration, I do not consider it the most tween them; the plants are dibbled into the guano for these crops. I applied 11 cwt. remunerative, I shall first advert to it. of nitrate on one portion and 3 cwt. of with a mixture of clay."

ating the chief manuring elements from gas-|Mr. Creswell new both to the shepherds and

(" Ravenstone, Ashby-de-la Zouch March 20, 1854.

soon as it feels neither hot nor cold, by put- and the crushed seed, after the oil had been ing in the finger, pour into the churn. In extracted each successive crop of rape was 5 to 15 minutes the butter will come. I more luxuriant, and the land became more O have tried this plan for the two last winters litted for the growth of other grains. 6 and it has not failed once to bring the butter

TO THE FARMERS OF THE EASTERN TOWNSHIPS.

guano on another, but the oats top-dressed dance, together with a coarse fibre suitable that at one stroke it opens half across the with nitrate kept a bluish colour throughout to the manufacture of cordage and coarse ridges. the season, and did not ripen equally, and the cloths is desired, (and I am inclined to think are twelve inches asunder across the ridges. ear soft; while those which had guano this the most valuable flax crop for Canada, ripened equally, had a harder, crisper car, as we may allow the seed fully to ripen, and After the field has been ploughed the drills and weighed better. The land upon which the straw may be scutched without steeping) are lined two feet apart, and the plants that experiement was made had not been one bushel of seed should be sown to the inserted six inches asunder. The plants previously cropped, and was of a mossy loam acre, on good land, as when thinly sown the should be nearly of a size, about double plant puts forth vigorous branches, and that of a good cabbage, for transplanting, Mortality among Lambs .- Communi-bears more than three times the quantity of hort in stem and root, and free from bulcations were read from Mr. Dorrien, in seed. This description of flax crop would hous excresences about the root; as small Sussex, and Mr. Creswell, in Leicestershire, answer very well on a newly burned fallow; a portion as possible should be taken up at a on the subject of mortality among their the results would probably be about twenty-time; they should be wrapt in as large bunlambs. The case of Mr. Dorrien was contive bushels of seed and six hundred weight dies as can be conveniently carried in both

	Seed, 25 bushels, at 5s			5	0
}-	Fiore, 6 cwt., at 40s		12	0	0
d					_
ı		£	18	. 5	0
e	Expenses.				
y	Clearing an acre£3 0	0	. *		
e	Sowing & Harrowing 0 12	0			
٠.	Clearing an acre£3 0 Sowing & Harrowing 0 12 Mowing and Drying 0 12	- 6			
ι,	Threshing 0 12	6.			
	Scutching 3 3	0			
-	Other expenses, Cart-				
		0	£9	0	0
ŀ	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	- -		_
s	Net profit per acre	11	£9	0	0

We shall, moreover, by sowing a few

lowing statement, transmitted to him by Mr. I have tried alum and borax, but without any loats, but much labor must be expended in Dyce Nicol, to whom it had been addressed good result: I am now trying nitric acid, freeing the stubble from weeds, and the land by that gentleman's overseer in Kincardine-diluted with water. In a post morton ex-would require two ploughings and harrow-amination, we find the covering round the ings. It is therefore that I recommend "The land on which the following exper-heart very much deseased, and the lungs newly burnt land, as there we are not likely

grown. It yields a much larger amount of seed, seldom producing less (when well attended to) than forty-five bushels to the

I was under the impression that the turnip fly would prevent the cultivation of this most valuable crop in Canada. I, however thought it worth a trial, and sent instructions that a quarter of an acre should be sown GENTLEMEN.-Whilst recently in Ire-broadcast. The result has very much graroots of the plants. A strong dew in the land, my attention was drawn to the great tified me, as the fly has not in any case touchcourse of one night appeared sufficient for advantage accruing to agriculturists wher-led the young plants. Although some Irish

ridges; the holes being opened with an When the production of seed in abun-instrument furnished with several teeth, so In this system the rows of plants

In drained land, the Drilled System. sidered to be an ordinary one, but that of of clean fibre to the statute acre, worth- hands. The crop at one period requires a