

of fine animals have perished, from one cause or other during the voyage, and our own Province has largely shared in these disasters.

Mr. W. B. Crew, of this city, has, we regret to say, been a great sufferer. Mr. Crew reached home a short time since, with less than one half of the animals which he purchased at great trouble and cost in England! He lost on the passage a valuable Stallion, a splendid young Durham Bull and Heifer, thirteen out of twenty-one, improved Leicester sheep, several of them among the finest that the flockmasters of England could supply, and out of 120 head of carefully selected Poultry, consisting of no less than thirteen of the most approved sorts, only 36 head reached their destination! Several dogs of different breeds, we understand, likewise shared the same fate. The Pigs alone reached Toronto unimpaired in condition and number. Mr. Crew has one very superior Agricultural Stallion left, (which cannot but prove highly advantageous to the country, however otherwise this very disastrous result may be to himself); a fine Durham Heifer, and a few excellent sheep and poultry. The chief causes of these disasters may be traced to the constant rolling of the ship, and the very boisterous state of the weather. We regret to learn that the stock were not insured.

A short time previously, Messrs. Stone & Iles, of Guelph, lost at sea a fine Durham Bull and seven, in calf, Heifers of the same breed, carefully selected from the herd of Mr. Langton, M.P. for the County of Oxford, and brother-in-law to the late Earl Ducie; also fifteen of the finest Cotswold Sheep, from those celebrated breeders, Mr. Bamer, Gloucestershire, and the Messrs. Gillet, of Oxfordshire. During a frightful gale, the sea swept the entire deck, carrying the cattle at one sweep into the ocean. Messrs. Stone and Iles we are glad to learn were moderately insured.

A few months ago, the Messrs. Wade of Cobourg, who are so favourably known for their enterprise in this direction, lost at sea some very superior Durham cattle, as have also several others, both in the British Provinces and the United States.

We likewise learn from an esteemed corres-

pondent in New Brunswick, that Mr. Cuming, Veterinary Surgeon, was deputed to go to England to procure a number of the best Stallions of different breeds, to be distributed over the Province. Mr. Cuming selected eight animals, which are described as possessing first rate qualities; three of them however perished in a severe hurricane when the vessel had been only eight days out. The average cost of the animals was about £300 each.

These melancholy facts sufficiently indicate the necessity for some great improvements being effected in the modes of transporting live stock across the rough Atlantic. The system as commonly pursued by individuals is fraught with infinite anxiety and risk, and as the above facts indisputably show, is but too frequently attended by heavy pecuniary loss. We trust that something practically beneficial will arise out of a late application of the Board of Agriculture to the Government, urging the great importance of making arrangements with the proprietors of the line of Canadian Steamers, for the carrying of improved Stock at moderate rates, and with better and safer accommodations than are usually obtainable.

In conclusion we have much pleasure in calling the attention of our readers to Mr. Wade's article on the importation of cattle, in another column of this journal. The subject deserves to be fully investigated, and must not be allowed to drop without some practical results.

#### IMPROVED DRAINING MATERIALS.

We have much pleasure in stating that Mr. J. H. Charnock, who recently arrived from England, brings with him the best material and intends making Upper Canada his residence. Mr. Charnock has been for many years very favourably known in England, as a writer on the management and improvement of land, and has had extensive experience in the important art of draining, in all its branches. The public will be gratified to be informed that Mr. Charnock has in the course of manufacture, several of his well known Drain Tile Machines, which will be ready for operation as soon as the opening of the spring admits. The machine will make any