many years. John Drummond, Esq. of Petite Cote, and A. M. Delisle, Esq. were elected first and second Vice Presidents. The General Committee for the ensuing year, was also elected, and in the list we are well pleased to observe the names of a great number of gentlemen who are well known for their Agricultural enterprise, and their anxiety to improve Canadian The length of the proceedings, which husbandry. only reached us when our Journal was prepared for press, prevents us from publishing them entire.

Phosphate of Lime.—It has been computed that every person who consumes 1 lb. of wheat bread daily, will, in the course of one year, take into his system 3½ lbs. nearly of phosphate of lime. "This circumstance (says the Albany Cultivator,) is supposed to explain the reason why wheat bread is so superior to that made of other kinds of grain, as phosphate of lime forms a principal element of human bodies. It is found in milk, where nature seems to indicate that it is contained for the nourishment of the young animal, from the remarkable fact that, when they are able to take other food, the milk loses its proportion of this substance. Although phosphate of lime is contained in considerable quantities in the adult secretions, it is not known in those of the young, being all taken up for the purpose of nutriment. The shells of eggs are formed of this substance, and Dr. Paris has ascertained the singular fact, that if the legs of a hen be broken, she will lay her eggs without shells until these are repaired, for which the lime is required. Hens will also lay their eggs without shells if there is a deficiency of lime in the yard in which they roam. It is a remarkable circumstance, that although the grain contains the phosphate, the straw contains the carbonate of lime. Carbon is next to water, the principal support of vegetation."—Farmer's Encyclop.

LIABILITY OF DIFFERENT ANIMALS TO DIE.-Veit, a celebrated German writer upon agriculture, gives the following as the rate of insurance in his country, of different animals, which may show how the hazards of exposure to death are viewed by those who have been at pains to ascertain these things :-

Oxen,	at 1.3 per c
Cows	1.2
Three year old kine,	1.
Two year old do	1.1
One year old do	2.
Horses,	4.9
Sheep,	7.7
Swine,	2.9

Losses by fatal accidents are given thus :- Loss accord-

ing to per centage of value	:			
From their birth to their	Horses.	Cattle.	Sheep.	Swine.
weaning,	5	3	10	12
" weaning to 1 year old,	4	2	8	6
"1-2 years,	3	2	7	3
"23 years,	3	1.5	5	3
During the time of being				
used,	5	2	5	4

and, to encourage the farmers, the Government has determined upon importing a large number from this country at their own expense, which will be placed at the disposal of the leading agriculturists, under the sanction of the Minister of Commerce and Agriculture. Yesterday, five bulls and ten cows were shipped for Ostend, and others will immediately follow, as well as some of the finest bred ewes of Leicestershire and Durham, to cross with those of Very extensive purchases of horses are also being made in this country on account of the Emperor Nicholas of Russia and the King of Prussia, for improving the breed. Several very valuable stallions and brood marcs have been shipped during the week for both the above countries by the agents, and at very high prices.

STATISTICS OF AGRICULTURE, POPULATION, ETC. (Extracted from the Census of England and Wales, 1843.)

-There are 3,450,000 acres of Wastes Waste Land.in England, and 530,000 acres in Wales, capable of improvement.

RENT OF LAND.—The following table shows the average annual Value of Land, per statute acre, in the counties of England and Wales :-

England.	s.	d.		s.	d.
Bedford,	22	0	Stafford,	23	9
Berks,	19	10	Suffolk,	18	9
Bucks,	23	1	Surrey,	15	6
Cambridge,	21	2	Sussex	13	0
Chester,	23	1	Warwick,	24	10
Cornwall,	14	2	Westmoreland	9	0
Cumberland,	10	2	Wilts,	20	6
Derby,	19	0	Worcester,	26	2
Devon,	15	0	York-East Riding, ?	•	_
Dorset,	17	1	City & Ainstey	19	8
Durham,	14	7	North Riding,	12	10
Essex,	20	9	West Riding,	17	7
Gloucester,	22	3	J		
Hereford,	20	0	Average of England,	18	10
Hertford,	19	1	Wales.		
Huntingdon,	19	10	Anglesey,	19	0
Kent,	20	11	Brecon,	7	1
Lancaster,	24	9	Cardigan,	6	8
Leicester,	26	9	Carmarthen,	9	2
Lincoln,	21	1	Carnarvon,	7	3
Middlesex,	33	9	Denbigh,	13	0
Monmouth,	15	9	Flint,	18	11
Norfolk,	18	8	Glamorgan,	8	11
Northampton,	23	0	Merioneth,	4	8
Northumberland,	12	4	Montgomery,	9	3
Nottingham,	21	Ō	Pembroke,	11	4
Oxford,	21	10	Radnor,	8	3
Rutland,		3		_	
Salop,		4	Average of Wales,	9	5
Somerset,		01		_	
Southampton,			Av. of Eng. & Wales,	17	8
				-•	-

Muscular Motion .- Numerous experiments on the relative heat and pulsation of animals, under different latitudes, have shown that men in this climate, pulsate on an average, seventy-eight times in a minute, while in the Canadas they do not exceed fifty-seven.—This circumstance EXPORTATION OF CATTLE TO BELGIUM.—During the last month some very extensive purchases have been made watch is computed to tick 17,154 times in one hour. This last month some very extensive purchases have been made of bulls, milch cows, and ewes, of the best breads this country can produce, on account of the Belgian Government, in a year, supposing the year to be but 365 days; and as for the purpose of improving their own breeds, which are of a very inferior quality compared with those of England. His Majesty King Leopold, being desirous of establishing normal schools of agriculture and rural economy on the same plan as the model farms in various parts of France and Germany, intends offering annual prizes for the best bulls, cows, and sheep, bred and bornin Belgium. Schools of agriculture are about to be established at Brussels, Antweep, Ghent, Ostend, Bruges, and other towns, which will be opened gratis to all those who are studying the different methods of breeding cattle, particularly oxen and cows;