

through the year at good prices. Bacon is now too high to engage the attention of speculative buyers, and is unprofitable to the retailers; therefore is likely to be a dull article of sale. Of barrelled pork there is no stock, and, as there is very little American coming forward, it is likely to remain saleable for some time, at about the present prices.

Nothing can be said at present about the corn trade, except that it is a great hardship for all classes connected with it to have a momentous business like it virtually suspended either by want of confidence or defection in legislative enactments. The quantity of bread stuff coming from the United States is great, so that with the bonded grain now in the kingdom, and that on the way, the granaries in England are likely to be sufficiently stored for the consumption of the country until the next harvest.

THE PROPOSED ALTERATION OF THE CORN-LAW.

The following resolution is to be proposed in committee on the Customs and Corn Importation Acts, by Sir R. Peel.

That in lieu of the duties now payable on the importation of corn, grain, meal, or flour, there shall be paid, until the first day of February 1849, the following duties.

Wheat Foreign:—Whenever the average price per quarter is under 48s. the duty shall be, for	s. d.
every quarter.....	10 0
48s. and under 49s.....	9 0
49s. and under 50s.....	8 0
50s. and under 51s.....	7 0
51s. and under 52s.....	6 0
52s. and under 53s.....	5 0
53s. and upwards.....	4 0

Barley, Beer, or Bigg, Rye, Peas, Beans:—	s. d.
Whenever the average price per quarter is under 25s. the duty shall be, for every quarter	5 0
25s. and under 27s.....	4 6
27s. and under 29s.....	4 0
29s. and under 31s.....	3 6
31s. and under 33s.....	3 0
33s. and under 35s.....	2 6
35s. and upwards.....	2 0

Oats:—Whenever the average price per quarter is under 18s. the duty shall be, for every quarter	s. d.
18s. and under 19s.....	4 0
19s. and under 20s.....	3 6
20s. and under 21s.....	3 0
21s. and under 22s.....	2 6
22s. and upwards.....	2 0

Wheat, Meal, and Flour:—For every barrel, bring one hundred and ninety-six pounds; a duty equal in amount to the duty payable on thirty-eight gallons and a half of wheat.

Barley Meal:—For every quantity of pounds; a duty equal in amount to the duty payable on a quarter of barley.

Oatmeal:—For every quantity of one hundred and eighty-one pounds and a half; a duty equal in amount to the duty payable on a quarter of oats.

Rye Meal:—For every quantity of pounds; a duty equal in amount to the duty payable on a quarter of rye.

Pea Meal, and Bean Meal:—For every quantity of pounds; a duty equal in amount to the duty payable on a quarter of peas or beans.

And that from and after the said first day of February 1849, there shall be paid the following duties.

Wheat, barley, beer or bigg, oats, rye, peas, and beans, for every quarter.....	s. d.
1 0	
Wheat meal, barley meal, oat meal, rye meal, pea meal, and bean meal, for every cwt.....	s. d.
0 4½	

If the produce of, and imported from any British possession out of Europe:

Wheat, barley, beer or bigg, oats, rye, peas, and beans, the duty shall be for every quarter.....	1 0
Wheat meal, barley meal, oat meal, rye meal, pea meal, and bean meal, the duty shall be for every cwt.....	0 4½

ARTICLES OF AND FROM THE BRITISH POSSESSIONS.

The following are the duties proposed to be levied on articles of and from the British possessions:—

	£.	s.	d.
Arrow root, the cwt.....	0	0	6
Bandstring twist, for every £100 value.....	5	0	0
Barley, pearled, the cwt.....	0	1	3
Best ropes, twines, and strands, for every £100 value.....	5	0	0
Butter, the cwt.....	0	2	6
Cassia powder, the cwt.....	0	0	6
Cheese, the cwt.....	0	1	6
Cotton goods, made up, for every £100 value.....	5	0	0
Cucumbers, preserved, for every £100 value.....	2	10	0
Cauze of thread, for every £100 value.....	5	0	0
Hair manufactures, for every £100 value.....	5	0	0
Hams, the cwt.....	0	2	0
Seeds, as above enumerated, only one-half of those duties.			

Soap, hard the cwt.....	0	14	0
Soap, soft, the cwt.....	0	10	0
Tallow, the cwt.....	0	0	1
Tongues, the cwt.....	0	2	0
Woollen goods, made up, for every £100 value.....	5	0	0

A more sweeping change in our commercial laws has never before been attempted. As regards corn and provisions, Sir Robert Peel is now endeavouring to effect that which he some time since stated to be his intention—namely, to make this country one of the cheapest in Western Europe to live in.

FEEDING CATTLE, SHEEP, &c.

At a late meeting of the Parsonstown Union Farming Society, Ireland, Dr. Waters, an eminent physician, and a gentleman of great scientific attainments, delivered a most interesting lecture on the application of physiology, or the laws of the vital functions, to the rearing and feeding of cattle. We are induced to give an extract from this lecture, in the hope it will prove highly interesting to our agricultural friends, and it certainly contains many facts worthy of their attention. Dr. Waters said—

“The subject chosen for the present lecture was the application of physiology on the laws of the vital functions, to the rearing and feeding of cattle. He did not pretend to any practical experience; in fact, he had none; but should endeavour to point out those principles upon which practice should be based, and which being once known, would enable the practical man to regulate the application of them in a way best adapted for the purpose intended.

He then entered into a description of Liebig's important discoveries in the processes engaged in the nutrition of animals, pointing out the division of the elements of food of herbivorous animals into the two classes, viz., the elements of nutrition, and the elements of respiration.

The elements of nutrition, containing oxygen, nitrogen, hydrogen, and carbon, are perfectly identical with the flesh of animals; so much so, that the most experienced chemist cannot by analysis detect any essential difference between the substance gluten or albumen, which is invariably present in all vegetable nutritious food, and the flesh or blood of an animal. Thus proving the strange fact, that the flesh and blood of animals exist, ready formed, in vegetables; and the only duty the vital functions