expedient. Upon the question of the guarantee of the Imperial Government to raise funds for the Intercolonial railway, there may be more difference of opinion, but it is not likely that even here, much as Mr. Gladstone is opposed to these guarantees as a rule, any opposition will be offered.

Whilst touching upon the mercantile bearings of political questions, I may be allowed to add that so far the reform agitation has been without any effect upon trade. Indeed, to people who do not remember what happened in 1832, it seems almost ludicrous to suppose that it could have any effect. The general feeling, however, is that the question is approaching a moderate and satisfactory settlement, and that the probabilities are in favor of this settlement being arrived at without the necessity for a dissolution and an appeal to the country.

The returns from the Bank of England for this week present the following results:

	Amount.		Decrease.
Public Deposits	€ 5,998,000	£	
Private Deposits	18,268,000		875,000
Government Securities	18,111,007	No change.	
Other Securities	18,716,000		474,000
Notes in Circulation	28,024,000		
Bullion	19,024,000	134,000	
Reserve	11,000,000		83,000

This return is moderately favourable. The changes are not important, and the bullion shows a small increase. The Bank of France returns are as follows:

	increase,	Decrease.
	£	£
		705,000
The Private Accounts	1,049,000	8,008,000 2,558,000
The Commercial Bills		8,008,000
The Notes		2,553,000
The Cash	839,000	
		1

This return is also favourable. The changes in the various items are on a large scale, and with a decrease of £8,000,000 stg. in commercial bills, there has been an increase of £889,000 in the cash on hand.

February 9, 1867.

TRADE WITH THE TROPICS.

(To the Editor of the Trade Review.)

QIR.—In your issue of the 8th February, a correcpondent J. S. L., asks for information regarding the trade between British America and the Tropics. I think, that perhaps with the exception of that regarding Postal facilities, he would find everything he requires in the elaborate Report of the West India Trade Commission. It is much to be regretted that this valuable Report should be robbed of half its usefulness from want of being more extensively circulated. It ought to be in the hands of every business man, and I think that considering the price the country has had to pay for its compilation, and the undoubted value of the Report itself, the Government should at once issue another edition, which might very well be distributed gratuitously, or at all events sold at a moderate price.-I am, Sir, Your obedient servant.

St. John, N.B., February 16th, 1867. N. B.

BEETROOT SUGAR.

(To the Editor of the Trade Review.)

PERCEIVE that the feasibility of the manufacture of sugar from beetroot in Canada, is thought impracticable by some of the contributors to the Canada Farmer, and I was astonished to read that this most valuable branch of industry, could not be introduced in this country, on account of the severe winters, which would make the storage of the beets impossible.

If the writer of that article had informed himself how they store beets in Russia and Sweden, or the article of potatoes for the manufacture of starch, in the far Northern States of the United States, (Russia and Sweden being infinitely colder than the Canada's, and manufacturing some 150,000,000 pounds of sugar per annum,) he would have rendered a greater service to his country, than dissuading parties from an undertaking, which would lessen the price of sugar for consumers some 80 per cent., give occupation to thousands of labourers, and add a lucrative crop to the farming community.

And I am further very much surprised to note the ignorance evinced by a contributor of one of the principal agricultural papers of Canada, when he says, it is impossible to keep beets in a perfect state during the winter, and that he is ignorant of the

mode of storing them, one of the chief vegetable products of this, and all other cold countries.

Any parties who are desirous of information concerning the manufacture of sugar from beetroot, may communicate with me, and I will be most happy to furnish them with all necessary particulars, and do all in my power to have at least one or two factories started in Upper and Lower Canada.-Believe me, Sir, Yours very respectfully,

Montreal. Feb. 21st 1867. CARL BECHERER. P. O. Drawer, 290.

PETROLEUM FUEL

[From the English Mechanic]

WE have been informed that Mr. Richardson has

[From the English Mechanic]

WE have been informed that Mr. Richardson has resumed, or is about to resume, his experiments at Woolwich Dockyard on the use of petroleum as fuel for soa and land boilers. So far as we can make out, all the former series of experiments, eminently satisfactory though they were, have with our authorities gone for nothing. They have a splendid coaltesting apparatus at Woolwich, the property of the nation; and therefore do not want anything newfangled, or that will do away with the use of that pet apparatus. It may be remembered that the ropemaking machinery, the envy of the world, and the property of the lately deceased Mr. Cotton, was purchased by the then Government for the manufacture of hawsers, &c.; and yet, though the finest ropes in the world had been spun from it, so soon as it got into Government hands it was pronounced worthless, under the advice of interested parties condemned, broken up, and sold for old iron! Luckily for Mr. Richardsor, he lives in 1867, and no cold water thrown on his excellent plan can put out his light, especially when he promises economy, cleanliness, and every possible advantage to a commercial public in the use of his furnace and general method. The new series of experiments are to be at Mr. Richardson's own expense-of course he will now be "ble to give every publicity to they various results obtained.

Originally it was found very satisfactory to burn the new fuel through a porous floor or permanent wick, but the great difficulty was to get rid of the smoke; the choked the bolier tubes, and so arrested evaporation, rendering frequent cleansing necessary. A superheated steam blast was turned in over the flame, with a certain amount of success, but still the smoke poured from the chimney in blinding quantity. Mr. S. J. Mackie, we have been told, suggested the application of the superheated steam beneath the furnace floor. The suggestion was at once adopted, the necessary alteration in the furnace was made, and the result was a triumph. After a little

poor stokers and cinder-neavers. Hair-burnt and nagridrowned, we have seen them come on deck and nearly faint there from their terrible duties. With petroleum all this is done away with, consequently there is to be added to the saving in money the wages and "boarding" of stokers and heavers; there is also the saving

added to the saving in money the wages and "boarding" of stokers and heavers; there is also the saving of their berth-room.

Mr. Richardson has, in a manner, the field open to him; but we advise him to adopt a different course to that he is now doing—first of all to take himself clear away from Woolwich and appeal to those who supply his fuel to unite and afford him every facility for demonstrating the great value of his invention and experiments. A small company, with a few thousand pounds capital, would perhaps be better; we leave both proposals for Mr. Richardson's consideration, confident that with his assistance we need not fear for our coal supply, with petroleum coming from, or ready for use at, nearly every port of importance in the world.

A WINDFALL FOR THE BRITISH EXCHEQUER.—It appears that during last year there was a payment of legacy and succession duty under one will of the sum of £150,280. The same estate contributed £42,000 to the probate duty, the property being valued at £2,800,000.

THE SYDNEY CHEESE FACTORY-THE PROFITS OF THE TRADE.

HE annual meeting of the stock holders of the "Front of Sidney Cheese Factory," was held on the 3rd January inst. The following is an abstracted statement of the summer's business, which we commend to the careful perusal of the farmers of the

I "Front of Sidney Cheese Factory," was held on the 3rd January inst. The following is an abstracted statement of the summer's business, which we commend to the careful perusal of the farmers of the country:—

Cost of sctory, including building, vats, machinery, waggons for drawing milk, cans. &c. &c. \$2.250. The number of cows from which milk was received was 220, and the quantity of milk received 581,871lbs., during 186 days. The amount of cheese made and sold was 59,498lbs., which realized \$7,705,80. Expenses of manufacturing including making, drawing milk, boxes, freight, commission on sales, &c. \$1,554.33, leaving a nett balance of \$6,151.97, which was divided among 19 stockholders, each man receiving a cheque for his money. The factory commenced operations on the 10th of May, and closed on the 18th of November. No milk was received at the factory on Sunday, the milk obtained on Sunday was retained by the stockholders. We may here mention that the stockholders consist exclusively of those who furnish milk, each ow representing one share, so that every man furnishing milk has a proprietary interest in the factory. The success which has attended this factory has given the livelicet satisfaction to every stockholder, proving, as it does, that the manufacture of cheese not only pays, but is highly remunerative, and therefore cannot but be an incentive to others in different parts of the county to establish factories; it will render them to a certain extent independent of the grain market, and at the same time improve the land. The more advanced farmers have learned that it is time to adopt some system by which their lands can be reclaimed from the exhausted state to which the counstant cropping has reduced them, and there is no more effectual way of doing flist han by establishing dairies. Many have been under the impression that the selling of milk to, or of sending it to a factory was not as profitable as manufacturing butter and cheese themselves. Those who have spiren above show that each own has netted, i

what is.

The Hon. Robert Read has presented the company
with the bonus of \$100, which he offered a year ago
for the establishment of the first cheese factory in the
county.—Belleville Intelligencer.

Curing Green Hides.

We take the following from the last number of the New York Shoe and Leather Reporter :-

New York Shoe and Leather Reporter:—
A great many butchers, wool dealers, &c., are purchasers of hides off the beef in the country towns and we often get from them inquiries as to the proper and and most profitable method of curing the hide and preparing it for the market. A great many butchers do not use proper care in this branch, and the consequence is that the hides will not pass city inspection, owing entirely to the ignorance or carelessness of the person who prepared them for the market. The proper way to salt hides is to lay them out flat, flesh side up, and form a nearly square bed, say 12 by 15 feet, folding in the edges so as to make them as nearly solid as possible. Split the ear in the cords that run up the ear in each one so as to make them lay out flat. Sprinkle the hide with two or three shovels full of coarse salt, as the size may require—say for a 60 to 80 pound hide, from 10 to 15 pounds of salt. At any rate cover the hide well, as it need not be wasted; then let them lie in this from 15 to 20 days, after which take them up, shake the salt out, and use it again.

NATIVE WINE .- The Hamilton Spectator says:-We have frequently alluded to the importance of encouraging the manufacture of native wine in Canada, and have drawn attention to the many advantages which would accrue therefrom. There can be no doubt that the wine made from the pure juice of the grape is one of the most healthy beverages which can be indulged in, but the great difficulty has always been to procure wine which is really pure and entirely unadulterated. We are glad to find that Mr. George Lee has now on hand upwards of 3,000 gallons of grape wine manufactured by a gentleman in this neighborhood, and which we have every reason to believe is what it professes to be, viz., the pure juice of the grape. It has been manufactured with great care under the supervision of a gentleman who is thoroughly familiar with the practice as well as the theory of wine making, and is now in prime order. We have frequently alluded to the importance of en-