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C'ANADIAN JOURNAL OF COMMERCR Montreal.

COMMERCIAL SUMMARY.
-New York will spend $\$ 162,000,000$ on its water works.
-U. S. railmakers offer a perfect rail for $\$ 33$ a ton. Wreck-causing rails cost $\$ 28$.
-The Temiskaming \& Northern Ontario Railway will be completed by the end of the present season to the two hundredmile post.
-Ottawa clearing house total for week ending June $27,1907 \$ 2.607,824$ corre sponding week laśt year $\$ 2,126,856$. London clearing house total for week ending June 27, 1907 \$1,131,514.

The customs revenue of the Dominion for the month of June shows an incrate of $\$ 1,229,032$ over June, 1906. The total revenle for the month was $\$ 5,321.44$. For the three montlis of the cmrant fiswal year the revenue was $4.5,123,092$. :In increase of $\$ 2.964,391$ wer the correcponting periot of last year.

The Camada Life Asumance ( $\%$. has opened a handsome ofliee at if Montgomery street, Jersey City. The company having recently added the -tate of Cew Jensey to its territory, J. A. Bucknoll. who hath long been identified with the company, takes charge of that important field in addition to his other duties.

The Transvalal wold output in Jume was som,oto ounces time, a reduction of $2.5,0$ on ouncer from May. Value of Jume output,
 sime last July has as small an outturn as 500 , 000 onuces been reperted for the Transabal. December's total of 5.50 .167 ounces is the high recorel.

During the mine months ended March 31st the Department of Trade and commeree paid out in bounty on petroloun the
 the 1 wester momtho of the tiscal year lags. This would indicate a froduction of $19,410.415$ gallons in l!ow, against a modution of 23 ,693, fin sallons for the full ? car of 1907 . or an increatse of $4,242.124$ gallens.

Mr. Stephen Elgell, for many years local manager of the Enstern Townsips Bank, therbrooke, has resigned his position. Mr. Edgell does not leave the service of the bank, but goes to the head oflice. He has been succereded in the local managership ly Mr. E. L. Stuart-Patterson who has for some time been acting as assistant manager. Mr. Patterson was formerly assistant manager in the St. James street office, Montreal.

The finally revised report of the assessment of the eity of Ottalla for 1907 has been published. It shoms a total assess ment of $\$ 00.408,4.50$, of which $\$ 19.090,300$ is excmpt. The total tasable assessment is made up of land values. $\$ 15,297,200$; buildings and improvements, $\$ 20,092,250$; income. $\$ 1,957,950$. and husiness assessment, \$3.980.750. Each of these amounts is an increase over 1906, except the business assessment, which was $\$ 1,200$ less. The total net increase was $\$ 3,344970$.

- A report from London says:-A great combination of iron and steel manufacturers is being formed in Great Britain to combat American and German competition, control the British trade and dominate the stecl industry of the world. Nine big companies headed by Vickers Sons and Maxim have absorbed 36 independent concerns, giving them control of 90 per cent. of steel produced in Great Britain. The combined capital of the firms is over $\$ 130,000,000$.
-The date fixed for the coming into force of the act passed at the last session of Parliament, providing for the inspection
of meats, fish, and canned goods, has been postponed from August 1 to September 3 next. Nuch preliminary work in connection with the drafting of regulations for inspection, the appointment and training of the officials, ete., has to be done before the Govermment are ready to adequately enforce the act, and it has consequently been found advisable to wait for another month before bringing the act into force by proclamation of the Governor-General in Comeil.

Nontreal clearings for the half-year of 1907 show a very sural! increase over the figures for the corresponding period of a year ago. The montlis of Jannary, February and June made losies. When contrasted with the same months last year. February was particularly conspicuous in that respect. with a decline of about 13 per cent. The clearings for six months are the greatest on record for that period, the figures being $\$-37.120 .123$. compared with $\$ 732.489,873$, in 1906 an increase of $\$ 4,632,50$. The clearings for June were only $\$ 123.589,767$, a decrase of $\$ 3,438.011$ on the figures for June, 1906.

The problem of producing alcohol so cheaply as to ensure its use as a fuel in place of naptha or gasoline is said to have been worked out by an English sejentist. The disenvery that alcohol can be manufactured from peat was announced recently in the press, and the Department of Trade and Commerce has received from its agent ill Manche-ter. Mr. P. B MacNamara, corroboration of the reported achievement. Mr. MacNamara writes that the peat alcohol can be produced for six cents a gallon: that it is reported to bee more efficient in every way than petrol; 'that it is safer to handle and less liable to heat the engine.

The American Bankers' Association friday last complained to the Interstate Commerce Commission that the express compamies of the United states, acting as common carriers, are 1 surping the prerogatives of banking associations, and at the sme time are employing the capital of the banks of the coumtry in the combuct of their busines. It is alloged that these operations of the express companies are seriously detrimental to the interests of the banks, and that the use of the interstate facilities and the relations which the express companies have with the railroads enable the eompanies seriously to discriminate against regular commercial operations of banking institutions.

The Royal Bank has opened a branch at Port Moody, B. C.-The Sterling Bank is opening at Kinmount, in Victoria County, Ont.-The Northern Bank is erecting a new bank building at Macoun, Sask.-The Bank of Nova Scotia has opened a branch at Loggieville, Miramichi, with Mr. S. S. Stearns, late of Toronto, as manager.-At Portage la Prairie, Man., the Bank of Montreal have spent $\$ 11,000$ in completing a dwelling for their branch manager. They let contracts for a new banking office to cost $\$ 25,000$.-The Bank of New Brunswiek will open an office at Halifax.-The Eastern Townships Bank will erect a new building at Stanstead.-The Royal Bank will erect a $\$ 200.000$ building on King St., Toronto.
-The cently on in Canad industries 190. Thi or about 000 , or a crease is ed works works, fo was 1.51. was 80 : electric li The five ment, and

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-The census and statistics department issued a bulletin recently on the capital employed in manufacturing establishments in Canada. In 190.5 the amount of capital in manufacturing industlies was $\$ 843.931,178$, as compared with $\$ 446916.487$ in 1900. This shows an increase for the five years of $\$ 397,000,000$, or about 90 per cent., while production increased by $\$ 234.000$,000 , or about 50 per cent. This disparity in the ratios of increase is said to be due to the inabiity of recently establish. ed works to produce to their full capacity. In car and car works, for example, the ratio of production to capital in 1900 was 151. and in 1905 it was 101 ; on Portland cement works it was 86 and 65 ; in smelting works it was 67 and 32 . and on electric light works it was 17 and 9 for each year. respectively. The five years have been a growing period in industrial investment, and the full results are not yet realized.

A bulletin dealing with the condition of crops, live stock, etc., in Manitoba was issued lately by the local Department of Agriculture and Immigration. Reports of correspondents indicate promising conditions in every section of the province. A falling off is reported in the acreage of wheat, but a substantial increase in the acreage of oats and barley. The wheat acreage reported in last year's June bulletin was $3,141.537$ acres. against $2,789,553$ acres this year. Last year there were $1,155,961$ acres of oats, this year 1.213596 acres. The barley acreage last year was 649,570 acres. As to live stock, the figures show the cattle fattened during the Winter numbered 28,142 and milch cows 114,642. The employment and farm labor problem is shown thus:- Farm hands employed 18,501, Farm hands required 24,583 . Female sarvants employed 4.619, Female servants required 5162 .
-Reports to the Labor Department show that the number of trade disputes during May was 49. an increase of twelve over the corresponding month of 1906 . The loss in working days was approximately 88.325 as compared with 45,675 in May of last year. Th? increase is largely due to the strike of coal miners in the west, and of longshoremen in Montreal. There were about 411 firms and 11,697 employees affected by the various disputes. There was a marked upward tendency in wages in nearly all lines of industry during the month. The number of new agreements with respect to wages reported to the department was considerably in excess of that during the corresponding period in any previous year since 1903. Nearly all the new agreements were on the basis of higher wage schedules. In the majority of cases the increases were obtained
as a result of amicable negotiations and without friction between employers and employees. During May there were 287 work people injured in industrial accidents. Of these 91 were fatal and 196 resulted in serious injuries. Railway accidents were responsible for twenty fatalities and thirty by them were injured.

The Railway Commission's assistant traffic officer, Mr. F. Dillinger, has reached Ottawa from the west, where he was sent to make a report upon the position of the railways to hondle the crop of this season and the general increase of traffic. Mr. Dillinger was accompanied on the trip by Mr. J. Ogilvie, inspector of railway equipment. The railways of the west were carefully inspected, and the conclusion come to is that they will be in fairly good shape this autumn to handle the crop and the general traffic. The inspectors are convinced that the roads are making every possible effort to obtain locomotives and cars and expand their sidings, engine houses and other portions of their system to handle the increased business. The inspectors did not take the word of the railways for the orders they had placed for robling stock, but made independent inquiries as to the extont of these orders and the date of delivery. The officials have not yet concluded the inspection of the roads. It is the intention of the Railway Commission to arrange for regular reports for the railway companies on traffic equipment and orders for new equipment, so that it may be possible to asceitain at any time how any road is meeting the requirements of business and preparing for increase.
The new: U. S. immigration laws placing numerous restrictions upon the incoming of undesirable foreigners, went into effect July 2. The most important change brought about by these acts which Congress passed in February is the increase of the head tax from $\$ 2$ to $\$ 4$ with the provision that all over $\$ 2,000,000$ of the revenue so derived will revert to the United States Treasury instead of being entirely devoted to the uses of the immigration Bureati. Inasmuch as the immigration for the past two years has been over a million annually, the income to the Government from this source will he a considerable item. Another change makes the steamship companies subject to a fine of $\$ 100$ for transporting physically or ment ally defective immigrants or those afflicted with loathsome or contagious diseases. This is done to save the "inadmissables" the useless expense of the voyage to America. The law further provides for exportation of women found to be leading immoral lives within three years after their arrival. The immigration officials are also empowered to arrest those who harbor women of this character, and fixes a fine of $\$ 5.000$ and imprisonment for five years in event of conviction for such offenses.

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streets and fences must be had, but they are chiefly built at the expense of the industrious and enterprising of the population.
(a, therings of bankers and their friends during their summer outings are oftem arailed of orer the border to obtain secular sermons from men who may quote:-
""Tis the sunset of life gives me mystical lore,
And coming events cast their shadows before."
Among them is E. C. McDougael, president of a New York association, who, though pronouncing nothing of a novel character, contributed considerably to the gencral stock of wisdom, and every word of his address applies with equal force to Canada. The industrial, the agricultural and the commercial situation exhibit a degree of prosperity, a volume of business quite unprecedented. We see busy and highly paid employes everywhere; a maximum of business with a minimum of losses through bad debts. The general run of business men, with few exceptions, have confidence that no severe shock is in sight. Men who have been appealed to by their bankers cannot be convinced that it is time to curtail. Each says that the outlook in his particular field was for increased rather than for diminished business. Until very recently not one admitted that his judgment dictated any policy of retrenchment. Mr. McDougael believes we cannot hold the present pace. We should

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not hold it, eren if we could. "If our depositors do not realize this, our umpleasant, but perfectly plain duty is to curtail their accommodation and force retrenchment. We are in an era of extravagance, both corporate and individual, of extravagance in enterprise and of extrasagance in expentiture ; extravagance as much beromi/ precedent as is our fexerish busineśs activity. No matter what the country book profits are, it cannot acecmulate capital without thrift, and to-day thrift appears to be forgotten." It least a moderate amount of, what is popularly, known as "hard times", would seem to be the only cure.
Employers of labour, skilled and unskilled, say that wages are from 20 to 30 per cent higher than they were a few years ago, and that the product of a day's work is considerably less. In one case specified the employer estimates that he gets very little more than half as much work for a dollar as formerly. Therc are trades in which the daily wages have nearly or quite doubled in ten years, while the daily product has decreased. Many men do not work every day. Some carn enough in three or four days to supply needs for a week. Those in our large cities who seek servants at charity organizations are informed that their immates earn enough in three or four days to support themselves, and will not hire out for any longer time as long as this is the case. Here is a two-fold economic waste. A workman does not do a full day's work for a full day's pay. He does not work full time. No doubt many, perhaps most, men work full time but very few do a full day's work for a full day's pay-such a day's work as could easily be done, as in all honesty and fair dealing should be donc.

This waste produces inflation of values analogous to that produced by watering stock and bond issues of corporations. This inflation must inevitably , be reckoned with. When the day of reckoning comes the values of all properties will shrink to their true cost basis. This adjustment of values cannot occur without accompanying disturbances of credit and consequent dousiness troubles. Every good business man knows that the end of constantly rising prices must some time be reached, and that when that time comes prices will not remain stationary at the high level, but will start on the long expected decline.

The powers given what is known as the Public Utilities Commission by Governor Hughes at Albany will have some interest in connection with the subject noted above-that is in compliance with the demand for stricter and more detailed supervision of corporations. The commissions are to have free control, and will be required to enforce the regulations provided for
in the measure for the conduct of public service plants, except telephone and telegraph.
$i$ All corporations are to give safe and adequate service at just and reasonable rates; to prevent all rebates and discriminations in rates between, different classes of shiprers or passengers or kinds of traffic: to compel all common carriers to have sufficient cats and motive power to meet all requirements for the transportation of passengers and property which may be reasonably anticipated, and to see that common carriers are held liable for loss or damage due to delay in transit occasioned by negligence. The hill prohihits free passes, except in a few cases.

It is provided that no franchise shall be capitalized in excess of the amount actually paid to the State as consideration for granting the franchise: that the capital stock of a corporation formed by the merger or consolidation of two or more corporaticus shall not exceed the sum of the capital stock of the comporations so consolidated at their par talue, or such sums and any additional sums actually paid in cash: that no contract for consolidation or lease shall be capitalized in the stock of any corporation whatever, and that no corporation shall hereafter issue any bonds against or as a lien upon any contract for consolidation or merger, and that no corporation shall purchase or hold stock in another such corporation or common carrier unless authorized by the conmissioners.

Surely the sovereignty of the masses is being established. The roter knows his power and will likely use it as to himself seems best.

## PROGRESS OF THE NORTH-WEST PROVINCES 1870-1906.

The subjoined information is furnished us by the Govermment Department of the Interior for the benefit of our readers. Our rulers are considerate in choosing midsummer for the issue of this information to editors who are longing for some "let-up" on the cry for "copy" and other unending wants.

Although the Northwestern Territory was admitted into and became part of the Dominion of Canada from 15th July, 18\%0, and that provision was made for admitting the Province of Manitoba on the same date, the first regular census of these parts of the Dominion was not taken until 1881. A special census of Manitoba taken in $18 \% 0$ showed it to have in that yoar a population of 12,228 , exclusive of Indians.

In 1881 Manitoba and the Territories had a population of 105,681 , inclusive of 22,783 Indians. The census of the same year showed an area of $56,9 \% 1$ acres in wheat, and production of $1,153,328$ bushels wheat, $302,-$ 049 bushels barley and $1,330,220$ bushels oats,-being for the harvest of 1880 .

In 1891 the total population was 219,305 , the area in wheat was $1,010,430$ acres, of barley $6+, 972$ acres and of oats 317,848 acres, and the production of wheat was $17,884,629$ bushels, of barley $1,66 \%, 893$ bushels and of oats $9,998,556$ bushels,-being for the harvest of 1890 . These figures are for areas of territory practically the same as the areas of Manitoba, Saskatchewan and Al-berta,--the two last named having attained the status. of provinces on the first day of September, 1905.

Beginning the twentieth century, the territory of the three Provinces, as now constituted, had a population (1st, April, 1901) of 419,512 ; and on 24th June, 1906 , it had 808,863 , being an increase in five years of 389,351 as compared with the increase of $200,20 \%$ in the ten vears 18:91-1901 and of 113,624 in the ten years 18:1-1ヶ91.

The grain crops of the harvest of 1900 , which were recorded in the census of 1901, were a comparative failure owing to a period of unusual drouth during the growing season. But as, evidence of the agricultural growth of the there Provinces, it can be stated that the ared in wheat was $2,495,466$ acres, in barley $162,50 \%$ acres and in oats 833,390 acres. The aggregate yield of the three kinds of grain in that year was $43,000,(0) 0$ bushels.

The rensils of 24 th June, 1906 , took area and production for the field crops of 1905, and area only for the crops of 1906 . The profluction for 1906 has been since then computed from the reports of 2,000 farmers who gave actual average yield for their own farms and estimated arerage for the township in which they reside. The figures for each year are shown in the following table for each province:

| Provinces | 1905. |  | 1906. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | acres | bush. | acres | bush. |
| Manitoba- |  |  |  |  |
| Wheat | 2,422,345 | 47,526,586 | 2,222,386 | 54,63\%,120 |
| Barley | 253,942 | 7,544,150 | 343,412 | 12,254,030 |
| Oats | 799,279 | 31,458,692 | 931,373 | $44,242,301$ |

Saskatchewan-

| Wheat | 1,381,921 | 31,799,198 | 2,117,486 | 50,329,43: |
| :---: | :---: | :---: | :---: | :---: |
| Barley | 40,832 | 1,196,419 | 72,586 | 2,828,44 |
| Oats | (i06,3+6 | 25,623,849 | 901,646 | 41,885,285 |
| Alberta- |  |  |  |  |
| Wheat | 14:991 | 3,035,843 | 223,930 | 5,871,397 |
| Barley | 80.900 | 2.231.5i8 | 108,175 | 3,478,683 |
|  |  | 11,28,314 | 489,627 | 24,032,42 |

Totals for the three provinces-
Wheat $3,95 \cdots, 18:$ 82,461,(62\% $5,063,802 \quad 110,837,949$
Barley $355,5 i+10,922,47 \% ~ 529,163 \quad 18,961,160$
Oats $\quad 1,692.429$ (68, $510,855 \quad 2,322,646110,659,959$
The whole area in wheat, barley and oats increased from $3,491,413$ acres in 1900 to $6,025,190$ acres in 1905 , and to $5,915.611$ ades in 1906: and the yield of the three crops increased from 43,25a, wi6t hushels in 1900 (which was a had harvest year) to $152,2+4.929$ bushels in 1905, and to $240,459,068$ hushels in 1906. The number of farms increased from 31,815 in 1891 to 54.625 in 1901, and to 190.439 in 1906.

## OUERHEAD WIRES AS FTRE RISKS.

After long and patient endurance and experiencing "What hell it is in suing long to bide."
the Canadian Fire Underwiters' Association of Montreal have girded up their loins determined to wage battle against the enormous mass, net-work and sheaves of electric wires (which encumber our business streets), with the object of compelling the proprietory companies to have them placed underground without further delay. It is well for us that we have so influential a body of men as those at and near the head of our fire insurance companies to remind us of our remissness in
this respect, for however important and hecessary to modern business affairs are the wires, poles, and other *upports of the telegraph, the lighting and motor power anl the trolley systems, all operated loy electric force, there is no excuse for thus endangering at the same time life and property when the remedy-the means of precention-is within easy reach-and examples easily aecessible in other cities.

The lines of attack laid down for the invasion may be studied in an unpretending little pamphlet of 20 pages, i x 10 inches each, of which 5/jages are devoted to the letter-press and 15 to a series of photogravures, the latter strikingly illustrative of the overhead mass of wires to be seen at 27 different parts of the city. The underwriters feeling, doubtless, the futility of words only, have resolved to place before each of the City Fathers, whatever his mother tongue, what he could take in at a glance, what he could not ignore, or repudiate in kind. For the information of the many citizens to whom the pamphlet may be a stranger, we reproduce the reply of three able and reputable electric experts, Mr. R. A. Ross, of this city; the Abbe Choquette, of St. Hyacinthe, Prof. Sc.; and Mr. J. F. Cole, Chief Electrician of Boston, to the request of the Undewriters' Association for their opinion on the subject:
"In compliance witl your instructions, we have examined and beg to report upon the existing condition of the street wiring in the City of Montreal, under the following heads:-

1st.-The fire hazard due to the existing street wiring and apparatus.

2nd.-The obstruction to the Fire Department during the progress of a fire.

3rd.-The life risk to firemen on active duty during the progress of a fire.

4 th. -The life risk to private citizens from electrical causes due to present construction.

5th.-The life risk to employees of the Power, Street Railway, Telephone and Telegraph Companies while working upon the street construction.

6th.- If the hazards be excessive, by what means can they be diminished.

In view of the above questions, we lave made a careful survey of the lines and apparatus in the streets for carring electrical currents of all classes, whether normally dangerous, or ordinarily safe, and find that the overhead construction in Montreal is not carried out in the best way, and where the multiplicity of wires is so exceptionally great as in this City, the hazards of the usual system of orerhead wiring are multiplied to an unusual degree.

The wires occupying the streets may, for the purpose of this report. he divided into three classes, arranged in the order of their hazard:-

1st.-Wires for the distribution of lighting and power. carring primary voltages varying from 10,000 to 2.200 volts, but chiefly the latter. These consist of the wires of the several companies operating under the name of the Montreal Light, Heat \& Power Co.
2nd.-Wires carrying a voltage of about 550 volts to fceders and trolley of the Montreal Street Railway Co. 3rd.-The telegraph, telephone, signal service wires, and the low voltage lighting and power secondary wires to buildings.
The first class, in which the construction is practically all above ground, constitutes the greatest risk, as it includes the bulk of the wiring : is operated at high voltage, and may by contact with anv of the other classes of wiring render them equally dangerous as a
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fire and life hazard, and by/reason of its complexity and inherent danger offers the greatest obstacle to the firemen on active duty during a fire.

The second class, while constituting a much diminished fire and life hazard, becomes a serious obstruction during the progress of a fire and forms the most objectionable, class from an aesthetic point of view, owing to the mass of large feeder cable employed. These cables may be placed under-ground, but the trolley wires must of necessity remain in the street.

The third class consisting of telephone, telegraph and signal wires, and low roltage lighting and power services, while not primarily a life and fire hazard, may becomes so through accidental contact with either of the other classes, and by reason of their weaker insulation and widespread distribution in buildings, may under such conditions constitute even more of a hazard than the other classes which do not enter insured premises. Some of the telegraph and telephone lines have already been placed safely underground and many of the rest have been cabled, (but still left overhead) especially in the central districts of the City, lut a large number still remain above ground in the streets.
$A=$ a result of our survey of the existing conditions in the streets, and keeping in mind the above consideration, we are of the opinion'that in no other City does there exist such hazard to property and life through street construction for electrical jurposes as in the City of Montreal, for the following reasons:-
1-t.-Montreal is the City which uses the greatest amount of power transmitted from a distance.
?nd.-The power demands are met from three water power developments operating voltages from 5,000 to 45,000, connected to a number of sub-stations and to sereral anxiliary steam stations, involving complicated wiring connections.
: 3rd.-The tranemission of power at 10,000 volts on sin wires through the heart of the City, viz., McGill Street. Victoria Square, Beaver Hall Hill, St. Catherine Ntreet and Park Arenue.
4th.-The unnecessary duplication of poles and wires by reaton of the fact that the Power Company is made up of six subsidiary Companies, whose lines are to a great extent still in existence, involving great complexities of wiring and street constructions, and which might largely be dispensed with.

5th.-The large number of Street Railway feeder cables necessitated by the density of traffic in the central districts, and the heary grades between the lower and upper City levels.

6ith.-The large number of telephone, telegraph and signal wires which are still in existence overhead, which may become a menace at any time through contact with high voltage wires.
ith.-The narrowness of strects and heights of buildings in the business district, which considered in conjunction with the existing wiring complications. cannot as a fire hazard and as an obstruction to firemen when on duty be matched elsewhere.

In support of the above, we attach a series of photographs of the strect construction in existence in the central district, which will bear eloquent testimony to our conclusions.

We have in our possession similar photographs taken in the City of Boston, in 1894, which City as regards narrow streets and high buillings, approaches nearest to Montreal, of any American City. A comparison of such photographs with those submitted with this report shows conditions in Montreal, to be worse than those existing in 1894 in the first mentioned City, and yet that City compelled all companies to place their wires underground in the central portion before 1900, and are extending the underground district from year to year. It is a fact that miles of underground duct have been
installed outside the prescribed underground district voluntarily by the Companies interested.

As regards the remedy for the above conditions of things here, no middle course can be pursued.
In the interests of property and life, the wires of all Companies should be placed underground in the central districts at once and consecutively thereafter in the less congested districts.

Our recommendations are therefore as follows:-
1st.-To at once place all wires underground within the central district, bounded approximately by the Liver, Windsor Street, St. (atherine Street and St. Denis street, except the trolley wires of the Montreal Street hailway Company.
and.-To extend the underground district as rapidly as practicable thereafter.
3rd.-It is suggested, in view of the serious condition at present existing, and the immediate necessity of action, that the Civic authorities be urged to appoint a superintendent of Wires, who shall be empowered to Superintendent of with all matters relating to electrical construction, whether overhead or underground."
The citizens, each and all will wish ultimate success to the Underwriters' Association in their endeavours to influence the city authorities in the direction aimed at. The Bell Telephone Company have already (some months ago) signified their approval and tendered their co-operation in promoting the transfer of the wires underground. Much has been done by means of cabling overhead, but the danger from the more powerful systems is scarcely lessened owing to the increase of other wiring. There is much resistance in the way of telegraphing and lighting wires still to be overcome, but with such municipal privileges, as they enjoy, and insurance rates so heary they have the weight of argument on their side-and everything comes to him who perscreres.

It is not, perhaps, generally known that the great majority of citizens are ignorant of the manner in which fire-alarms should be given. During a recent serious fire on Peel street the person who rushed to the signal-box, within eighty yards of the spot, neglected to move the lever, and, with others' present remained surprised for some time that there was no response to his act. The typical "small boy" could have given him a lesson.

## AN ERRING ASSURANCE AGENT.

## Education is a fruitful parent of many crimes. Time

 was when it was held as an article of common faith, that vice fled before the face of the schoolmaster. Costly experience makes it clear, that change as we may the skies which surmount our mental horizon, the natural heart itself still remains as a well informed ancient authority declared, "deceitful above all things, and desperately wicked.".Breach of trust is essentially a crime of the educated. Widespread as education itself, it is the great dread of the business world to-day. That it should be openly charged against political leaders, is possibly an evidence of a common appreciation of its universality. Managers of institutions which are dependent upon numbers of subordinates, live in perpetual fear of it. For in spite of inventions, checks, and systems, the human agent must remain a necessary factor in all branches of commerce. With this essential untrustworthy, with breaches of trust on the increase, such companies as depend en-
tirely upon the confidence of the public, must languish, comparatively as the world becomes aware of the facts. Let no one imagine that educational, and mental ability, are main requisites in preseut day affairs; we must postulate righteousness also in the man who is an absolute necessity to the great financial, and other undertakings of our world. 'the business man has more than an cutsider's interest in the struggle lor the retaining of religion which makes for righteousness, in the curricalum of the sehools. Education without the balancewhee of a strict morality, is the development of ability only, and may-olten does-derelope new capabilities for "rime.
life Insurance is a busincos singularly dependent upon subordinates. Intensely somotive to the veering of the popular air, it is but just recosering from the chatge of makersation, Which has been more or less pronerly directed against the mamagement of some of the barqees of the soricties. Ry the eondiction of one Costim, whicl of the firench (amadian agents of the Mntual Life C'onpanty of ('anada, to which attention Was direeted in our lals isome, a little cormer was lifted of a wil, Which we ary informed, conceals great seandals, and granc beraches of trust. Forgery of the names of insured persons. bogns certificates of theirdeath, the theft of the amomits of their policies are points in the indictment recorded against the menformately misguided agent. to which he has pleanted guilte. The simplice ity of the methods to men mfhindered by morality and the peseible centagion of ewil example, make the matter most serions to the insuranee world. It is probably only preper that there should he no forther pmble disdosures just now. Doubthes ewift investigation will recall to guilty minds the Horatian truism,

* Raro antecedentem seclestem

Desernit perde pernal rlatulo."
But the erude wickedness of the erimes, with all their pathetie poseibilities, should callse some searehings of heart in the world of affairs. One thing that is made evident. is the necessity for the fruits of religion in common life. Another, is the fact that the husiness work has fair ground of complaint against the educationalists who are not semeling out their products furnished with what is really essential. Again, the educated man of ability: who is destitute of horal principle, is a certain menace, if not a distinct curse to the community:

Vothing more truthful has ever been written than the old aphorism. "Kepp innocency, and take head unto the thing that is right, for that shall bring a man peace at the last."

Costin was a fieldman with the Mutual for the last five !ears in this city. In March, 1905, he presented an application on the life of one Feantean for $\$ 3,000$. The folicy was issued, and two premiums were paid. Some months ago Costin announced the death of Feauteau and presented the claim papers including doctors and burial certificates, etc., all of which Costin has since confessed to Mr. Allen, in presence of witnesses, to have been forged. A cheque for the amount of policy payable to Feantean's brother, was in due course forwarded by the Head office to the Montreal branch, which was handed to Costin at his own request to be delivered
lyy him to the payee. According to Costin's confession, however, he forged Feauteau's signature, and deposited cheque in bank to his own credit. Suspicion was, first aroused when Costin presented a second claim on the life of A . Hetu, insured for $\$ 5,000$. This claim was lately presented in regular form. The similarity in the handwriting led to an investigation, and Costin was arrestect.

## DIRECTORS FEES

There is some disaffection being felt among fotton manufacturers in Oltham (Fing.) and elsewhere over Directors' fees. In many companies the allowance now varice from $\$ 250$ to $\$ 500$. Opposition has been manifested, says the Textile Mercury, against the raising of the fees in connection with a mill in Oldham district, from $\$ 335$ to $\$ 500$ a year; and the directors themselves have since abandoned the proposed increase. In times , if a dull market high fees would handicap the financial position of the company; the adrances may have been feasible of late, but it would have been better to have rewarded deserving directors with bonuses rather than with increased yearly allowances, which may be more than a mill can bear permanently . Not only are some of the new mills burdened with rather high directors, fers, hut also with commissions payable to those who ratiod the capital. These taxes may prove too severe if matyins of profit become narrower.

1 history of the former perquisites in connection with the cottom manufacturing industry in Canada would not be very edifying. Every change in organization furnished opportunities which seemed to be too much for alle personalities to withitand.

## NENSPAPER POstage to CANADA.

Exchanges from the ('nited Kingdom continue to reach Canada bearing postage stamps of the value requisite before the new postal regulations come into force-on or about the lst day of May, 1907 . The great majority of British periodicals maly now reach us for a halfpenny or about one cent each. Those to hand dated June 22d are still weighted with stamps of the value of $1 \frac{1}{2} \mathrm{~d}$ ( 3 ceqnts) to $21 / 2 \mathrm{~d}$ ( $\overline{\mathrm{cc}}$ ) each. Brethren, wak" up! "A penny saved is a penny gained."

## A Private banker passed away.

( n $_{1}^{\prime}$ the 26th .June ultimo, in his 6ith year, there passed away Mr. David Wheelihan, for many years identified with the industries of the Township of Nassagaweya as a merchant miller, latterly as a private banker. Natives of Mount Iniacke, Cork, Ireland, his parents came with a large family of sons and daughters to Canada ere Campbellville and many other now flourishing places in Halton were yet known by name. By his native talent, unassuming kindly disposition a"d untiring industry. he gradually climbed the ladder of success until his name. far and near. became synonymous with all that was honomrable and trustworthy. The deceased remained a bachelor throughout his long years. Besides other interests, Mr. Wheelihan was a shareholder in the Canadian Bank of Commerrce. and reckoned among his many esteemed friends and long time acquaintances some of those largely interested in that institution.-Mr. Wheelihan was for upwards of a quarter of a century a subscriber to the "Journal of Commerce."
-Mr. James G. Taylor, Manager of the St. John, N. B. branch of the Bank of Commerce, will, about the beginning or middle of August. retire from his position and assume the position of General Agent of the Annuity Co .of Canada, for the Province of Quebec, with headquarters in Montreal.

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## adulturating jute goods.

From India, Burmah and Siam come complaints as to the quality of samples of jute goods sent out from North Britain. One sample was cut from a grass seed sack, and to all appearance it is an 11 porter 13 shot'hessian. These sacks, full of seed, burst when being hoisted up by the crane. This led to an examination, when it was found that the warp of the cloth was not made of jute at all, but simply of paper yarn well twisted and of the exact colour and size of jute yarn. The people, who stat out the sample, are under the impression the cloth was made in Calcutta; but the Calcutta and Rangoon people think it looks much more a "Made in Germany" production .lf this hessian is made in Calcutta, are the paper yarns also made locally or are they imported? A writer says he had no idea the Indian paper-pulp industry had got so tar! some of these paper-warp bags were found mived in the bundles along with the real all-jute article, and it was only the fact of their bursting under ordinary treatment that led to the discovery of their real mature. People are likely to hear more of thas paper yam now that the discovery has been made; and it ought not to be difficult to trace the bags back to the source of their manufacture. It would be interesting also to know the cost of these paper yarns ats compared with the cost of the jute article, and to know the point in the price of jute that enables the paper substitute fo come int competition with the fibre. There is no harm in making paper warp hesstans if they are sold ats such : but it is sheer frand to sell them as all-jute fabrics. In appearance they would de ceive the very elect.- Thus sayeth the Textule Mercury of Manchester.

## NOTHING TO (ilve in retlon

In the English Parliament on the 3rd ultimo, a member pointed out that the only benefits Great Britain does not receive from the United states under the most-favoured-nation treatment are those specified in Section III. of the Dingley Act. On this, the State Department at Washington explains : "An Anglo-American Agreement under Section 111. of the Dingley Act was discussed months ago, since when it has not been taken up. The difficulty in reaching an agreement lay in the fact that under the express terms of the Dingley Law the President must be satisfied that Great Britain has something to offer to the L'inted states, constituting true reciprocity." The Linited states, like other countries, enjoys the practical free entry of nearly all products into Great Britain, so the latter has no inducements to offer. Whiskey (no wonder!) and other spirits, cigars, tobace, teas. coffee, chocolate, and fire arms are obliged to pay duty entering (ireat Britain and Ireland. If, however, that obstacle can be overcome, the State Department will immediately enter into an agreement with Great Britain on the basis of the German arrangement. The obstacle, says the M. P., can only be overcome by the return to a sane fiscal system. "By throwing our markets open to all comers without tax or toll, we have deprived ourselves of all bargaining power, and this very fact prevents us from enioying the full benefit of the most favoured nation treatiment." The duties in the United Kingdom are levied on a few articles; in Canada they are broadly distributed. How would Canada like an income tax?

## dUSINESS DIFFICULTIES.

In Ontario the assets of the Canadian Lock Nut Co. Ltd. are advertised for sale this week at Toronto. The McLachlan Joy Electric Co. Ltd. has made an assignment to J. P. Langley.

Messrs. Kelly and Co., general storekeepers of Hagersville have assigned to C. S. Scott.
A. Oldfield and Co., architects of Winnipeg, have assigned.

In Nova Scotia, J. E. Pennington, general storekeeper and fish merchant has assigned.
In this Province, With liabilities amounting to about $\$ 4,000$, Samuel Moses, who carries on business in the city under the style of the American Cloak Company, has assigned, at the request of Julius Moses, tailor,' whose claim amounts to $\$ 350$.
According to the statement filed in the Insolvency Department of the Superior Court, the assets are estimated at $\$ 3,300$, as follows : - stock. $\$ 800$; fixtures, machinery and electric motor, $\$ 500 ;$ book debts, $\$ 2,000$. The principal creditors are: -Lapin Bros., $\$ 236$; Yorkshire Importing Company. $\$ \mathbf{5} 08$; M. L. Norris, $\$ 181$; Alphonse Racine, $\$ 258$; Gault Bros., $\$ 272$; Me tropolitan Waist Company, St. John. N.B.. \$163; Hermann H. Wolff \& Co., $\$ 173$; J. Boyaner. \$800; Miss Noel, \$300 ; L Moses, $\$ 250$; and Julius Moses, $\$ 350$. The meeting of creditors was fixed for 5 th inst.
J. D. Brodeur, fancy goods. Montreal. assigned.

The Century Press, high-class printing, etc., has dissolved.
N. Ahearn, general storekeeper. Sault au Mouton, has effected a compromise with his creditors at 30 c in the dollar.
A demand of assignment has been made upon H . B. Niemson, clothiers. etc., of this citr. alsentee . The assets of J.B. Ethier, grocer. of Montreal. are to be sold on 28th inst
The firm of Brunet, Lamarche and Co., brickmakers, Ville Marie, hats leen dissolved.

Customs collections for Montreal during June shows a Cery material increase of $\$ 413,440$ over June 1906. The figures this year being $\$ 1.546,573$ against $\$ 1,133,133$ for the corresponding period last year.

Mr. A. St. L. Trigge, of the head office staff of the Bank of Commerce. has been appointed secretary of that bank, in place of Mr. Jemmett, who is now general manager of the Sovereign Bank.
-A meeting of the shareholders of the Monarch Bank has been called for July 18th, to elect directors, to consider bylaws and other matters relating to organization.
--The total duty collected at the port of Toronto for the month of June was $\$ 910,156$; an increase of $\$ 176,666$ over the same month of last year.
-Building permits in Winnipeg this year to date amount to $\$ 4.250,000$, compared with $\$ 4,800,000$ in 1906 .

## FINANCIAL REVIEW.

Montreal, Thursday, July 4th, 1907.
There has been some flutter of anxiety during the week over the more or less inspired rumours concerning the Cape Breton iron and coal industries. There be those who reason that behind the scenes there is less strife than might be imagined from all the gratuitous advertising given the concerns.
As already hazarded, when war was declared last winter, the neutrals or friends of both sides were confident that long before the clever Statement recently published, the remarkably able men who stand beside the throne would have drafted

Stocks, Bonds and Securities dealt in on the Montreal Stock Exchange.

somu mutnally acceptable treaty. The notably much larger salles of bommion steel and lron (common) which take place When the quotations approath 2.5 cents in the dollar compared with the minimum of tramsfers when it falls below 70 , cannot have escaped the attention of long-time holders and individuals somue of whom have been hanging on since they bought it at prape not far from what the Prefered (cmmalative) is quoted at today. It is notable also that the quotations of the l. S. Steel Corporation have been keeping pace with the little spurt reeronty in our Camadian enterprise.
There is a disposition in certain quarters to question the right of appal to the Nova scotia Lemislature for athority to adiomro the date of the ammal meeting "sine die," and to inguire into the complexion of what may be "in the fence" meantime.
Th. local money market is firm at 6 per cent. for call loans.
(lo-ing exchange rates were : - sterling sixties, $87 / 8$ to 8 $29-32$; sight. $919-32$; cables, 92332 ; francs. $5.161 / 4$, less 1-64; marks. 9.5 T-16, less 1-64: New York funds, 1-32 to 3-64.

Consols $84-3-16$ for money and $843 / \mathrm{s}$ for accomet.
The following is a comparative table of stock prices for the week ending July 4,1907 , as compiled by Messis. Meredith \& Co., Stock Brokers, Montreal:-

| stocks. | Sales. Highest. Lowest. Sale. |  |  |  | Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Banks: |  |  |  |  | ago. |
| Montreal. | 17 | 249 | 246 | 246 | 2.5 |
| Commurre. | 48 | 1701/2 | 170 | 170 | . . |
| Eastirn Township.. | 25 | 161 | 161 | 161 | $\ldots$ |
| Merchants | 30 | 161 | 160 | 160 | 1697/8 |
| Hochelaga | 25 | $14{ }^{\circ}$ | 147 | 147 |  |
| Nova Scotia. | 10 | 28.3 | 283 | 283 | 273 |

Miscellaneous:

| Can. Pacific... . . . . . . 100 | 1735/4 | 1735/9 | 1735/8 | 159 |
| :---: | :---: | :---: | :---: | :---: |
| Mont. Street Ry..... .. .. 271 | 210 | 205 | 210 | 2791/4 |
| Do. New... . . . . . . 37 | 2021/\% | 202 | 2021/2 |  |
| Torcnto Street. . .. .. .. 454 | 1043/3 | 101 | 1043/3 | j116 |
| Rich. \& Ont. Nav. Co.. .. 70 | $661 / 2$ | 651/4 | 661/2 |  |
| Mont. Light, H. \& Power1.446 | 921/4 | 891/2 | 921/4 | $971 / 2$ |
| N. S. Steel \& Coal. .. .. 101 | ${ }^{6} 7$ | 661/2 | 67 |  |
| Dom. Iron \& Steel, com.... 4,514 | 241/2 | 221/8 | 221/4 | $271 / 4$ |
| Do. Pref. .. .. .. .. .. 20 | 53\%/8 | 52 | 52 | 74 |
| Dom. Coal, com.. .. .. .. 300 | 60 | 561/8 | 60 |  |
| Dom. Coal, pfd... .. .. .. 2 | 107 | 107 | 107 |  |


| Bell Telph. Co... | 84 | 132 | 1311/2 | 132 | 152 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Lamentade Paper... | 2.5 | 88 | 88 | 88 |  |
| Lammentide, pita. | 50 | 106 | 106 | 106 |  |
| Ogilvie, pfd. | 4 | 116 | 11.5 | 115 |  |
| (an. Co. Cotton.. | 50 | 5) $31 / 4$ | T2 | $531 / 4$ |  |
| Textile, pid.. | .) | 85 $1 / 2$ | 881/2 | 881/2 |  |
| Lake of Woods.. | (10) | 733/4 | -:31/2 | $731 / 2$ |  |
| Latke of Wioods, pful. | 25 | $10^{-7}$ | 10.5 | 107 | 112 |
| Bonds: |  |  |  |  |  |
| (am. Col. Cotton. | . . 1.0000 | 95 | 95 | 95 |  |
| Dominion Coal.. | . .3,0100 | ¢ | 9 s | $98 /$ |  |
| Dom. hron \& teel. | . . 2000 | $741 / 2$ | 74 | 74 |  |
| Oqilvie . | . . 1,0000 | 117 | 117 | 117 |  |
| Lake of Woods. | . .2,000 | $1001 / 2$ | 1001/2 | 1001/2 |  |
| N. S. Steel and Coal. | . 13.000 | 10 s | 1071/4 | 1071/4 |  |
| Textale 1). | . . 6,500 | $87 \%$ | 873 | $873 / 4$ |  |
| Haslifax. | . 4100 | 903/4 | 993/4 | 993/4 |  |
| Power. | . . 1,000 | 97 | 97 | 97 |  |
| Bell Telephone.. .. | $\ldots 1.000$ | 106 | 106 | 106 |  |
| *Scotia, com. . . . | . 500 | 993/4 | 993/4 | $993 / 4$ |  |

"And Interest.

## El Padre Needles 10 oents VARSITY, <br> © OENTS.

The Beat CIGARS that money, skill and nearly half a eentury's experionce can produce.

Made and Guaranteed by
S. Davis \& Sons, montreal. oue,

## MONTREAL WHOLESALE MARKETS.

## hontreal, Thursday, July 4, 1907

All accounts agree in praise of the condition of trade. Kains have fallen in the North West, and the ansiety respecting the gran output has been greatly relieved. Throughout Untalio, grass and grain crops are favorably reported upon and in this Province, pastures are in prime condition and the mportant hay crop has developed wonderfully. In the Eastern Provinces the late spring has been followed by forcung weather and regetation is as far adanced as is usual at thes season. Merchants report collections prompt, though this weeks returns will better prove conditions in this respect. Orders are coming in farly well, though it is evident that the backward sea som hats caused a wise carefulness, of which the effect may be realized later on. The grain export trade has been vigor ously prosecuted as a glance at comparative figures will prove In spite of the strike which crippled the thade for the first two weeks, the export of wheat this year has reached the figures $4,637,176$ bushels, as against $4,594,630$ bushels up to the end of June last year. The English leather market is cur iously quiet, which accounts for a dullness in exports. Cheese is in good demand and exports have been large but it is reported that the quality is poor. There are some complaints of the shipment of immature goods from the country factorics, which means heavy cutting especially during the hot season. There are some fears for the cotton crop, which is from two to three weeks late this year. The dry goods trade also reports mill deliveries as slow especially in woolens. The general prosperity of the country, is showing itself in increasing building operations, which is benefiting the lumber trade, and also some branches of hardware. The log drivers have about completed their picturesque duties, and the mills are in the midst of sawing operations. The output of saw $\log$ was quiet up to the average on most rivers, but prices, especially for dry material, promise to increase considerably. The export-trade 1 m deals is slightly on the increase, but there is strangely enongh only a fair trade in hardwoods.
BLTTER.-Prices are unchanged, and a fair local trade has been done. The export trade is only fair, as the margin between British and local prices, is very small. Guotations are Ontario 20c. Quebec $201 / 2 \mathrm{c}$. Eastarn Townships $203 / 4 \mathrm{c}$ to $21 / \mathrm{s} \mathrm{c}$.
(HEESE- There is a slightly firmer feeling in this market and receipts continue heavy. Pastures are promising. but factory men still persist in selling too soon. The shipments, last week amounted to $!00.000$ boxes. Receipts were 103,000 , which left a small stock to be carried over this week. Prices: Quebecs, $111 / 4 \mathrm{e}$; Townships, $113 / \mathrm{sc}$, and Ontarios. $111 / 2 \mathrm{c}$ to $115 / 8 \mathrm{c}$. DRY GOODS:-All accounts agree in gloomy predictions for the cotton crop in the Soath. This is not altogether unusual at this time of year. and the wonderfully recuperative effect of tavable weather in former years, prevents the prices for futures from soaring. There is some possibility of a crop, of $10,000.000$ hales instead of $11.500,000$, but in New York, holders got $\$ 132.5$ to $\$ 13.50$ this week. At Liverpool spot prices ral.ged from 6.12d good ordinary to 8.26 d good American middling. The local trade is healthy and promising, remittances are coming in well from all points and the 4 th which is a havy settling day is contemplated without anxiety. Some American firms lave pushed up the prices in embrodered goods from ${ }^{5}$ to 10 per cent. The factories are firm in their sales of woolen goods. Their stocks are not heavy and prices will probably be maintained.
EGGS.-Receipts are liberal. A fair business was done at $161 / 2 \mathrm{c}$ to 17 c for No. 1, and at 14 c to 16 c for No. 2. Selects keep up at 20c to 21c.
FISH.-Supplies of salmon and salmon trout continue fair. A good trade is being done at about former prices Haddock, express, 4 c to je ; market cod, express, 4c to 5 c ; steak cod, heads off, be ; halibut, express, 8 c to 9c; new mackerel, 8c; grass pike, 8c; lake trout, 9c; whitefish, 9 c ; dore or pickerel, 12c; flounders. 10c; brook trout, 22c; Gaspe Salmon, 13c Smoked and Prepared Fish New haddies, 15 and 30 lb . boxes, per lb ., 8c to 9 c ; Yarmouth bloaters. 60 in box, per box, $\$ 1.10$; kippers, per half box, $\$ 1$; smoked berring, new, in small boxes, 10 c; boneless cod, 1
and 2 lb . bricks, assorted "Favorite" brand, 20 lb . boxes, per lb. , 6 c ; boneless fish, 20 lb . boxes, 2 lb . bricks, $51 / 2 \mathrm{c}$; boneless fish, 25 lb . boxes, loose, $41 / 2 \mathrm{c}$; shredded cod, 2 dozen cartons, $1 / 2$ ib. each in box, per box, $\$ 1.80$; skintess cod, 100 lb . cases, $\$ 5.50$. Oysters-standards, bulk, per galion, $\$ 1.50$; standards, Imp. qt. tins, sealed, toc. Pickled Fish-No. 1 Labrador hering in brls., $\$ \bar{j}$; half brls., $\$ 2.75$; No. 1 N.s. herring, half brls., $\$ 2.50$; No. 1 mackerel, in pails, $\$ 1.75$; No. 1 sea trout, in $100 \%$ b. kegs, $\$ 5.75$; No. 1 sea trout, in 200 lb . brls., $\$ 10.50$; Labrador salmon, in brls., $\$ 12.50$; Labrador salmon, half brls., $\$ 6.50$; No. 1 green cod, per 200 lbs ., $\$ 6.50$; small green cod, per $200 \mathrm{lbs} ., \$ 4.50$; large green cod. per 200 lbs ., $\$ 8$; No. 1 green haddock, per 200 lbs., $\%$.

FLOLR. - There is a steady demand from Europe for spring wheat grades and a good local and country trate. Choice spring wheat patents. $\$ 5.10$ to $\$ 5.20$; seconds, $\$ 4.00$ to $\$ 4.60$; winter wheat patents, $\$ 4.85$; straight rollers, $\$ 4.10$ to $\$ 4.25$; do., in bags, $\$ 1.90$ to $* 2$; extras, $\$ 1.60$.
(:RAIN.-Unfavorable reports from Luropean, Australian and Argentine wheat growers have been exploited by the trade, but these have been somewhat overbalanced by favorable weathen reports from the North West, and portions of the Cnited States Spring wheat belt. The Kansas Board of Agriculture has now come out with the plain statement that no one knows what the yield of winter wheat will be. Reports claim that the Alberta crop is the best on record, with an increased acreage of 40 per cent. Harresting has begm in Oklahama and the South, under fair conditions. Large exports were a feature in the bullish market at rhicago, when Sept. delivery ran up $13 / \mathrm{s}^{\mathrm{c}}$. The quotations were: Wheat, July, $951 / 2 \mathrm{c}$ : September $993 / \mathrm{s}^{\mathrm{c}}$ to $991 / \mathrm{c}^{\mathrm{c}}$. Cash quotations were as fol-lows:--Flour, firm; No. 2 , spring wheat, $\$ 1$ to $\$ 1.03$; No. 3, 94 c to $\$ 1.01$; No. 2 red, 94 c to $953 / 4 \mathrm{c}$. Here cables for spring whear have been slightly affected by the strength developed in American markets, but the slight advances are reported to leave a margin on the wrong side for the exporter. Liverpool spot wheat, steady ; No. l northern Manitoba spring wheat, is $31 / 2 d$ to is $4 d$; No. 2 northern, is $11 / 2 d$ to is $2 d$; No. 2 western winter wheat, is $1 d$ to $7 \mathrm{~s} 21 / 2 \mathrm{~d}$ : corn, spot, quiet: mixed American new, os $01 / 4 \mathrm{~d}$; old. $5 \mathrm{~s} 21 / 2^{1}$; wheat futures. steady; July. $7 \mathrm{~F} 13 / 4 \mathrm{~d}$; reptember. is $37 / \mathrm{d}$; corn, quiet; September, $4 s 111 / 4$ d. There has been a fair demand for oats at steady prices. Mamitoba No. 2 white were made at 49 c to
 and No. 4 at $461 \%$ e to 47 c . per bushe], ex-store. Corn is held at a trifling adsance, in a strong market.
GREEN FRLTTS-California fruit is very scaree and proHects poor for large supply. We quote : ORANGES California navels, Pyramid brand, staadard of quality 96 and 112 size, $\$ 3.50$; 126 size. 43.7 .5 ; 150 fize, $\$ 4 ; 176$ size, $\$ 4.25 ; 200,216$ and 250 sizes, $\$ 4.50$. Messina ovals, finest quality, 200 size, $\$ 4.25$; do. 160 size, $\$ 4.25$; Valencias, extra quality, $3 / 4$ cases, 300 size, fancy packed, $\$ 3.50$; do., 420 size, ordinary, $\$ 4.75$; do., 420 size, large, $\$ 5.75$. Sorrento oranges. firest stock, 200 size boxes, $\$ 2.90$; do., 300 , Valencia style, $\$ 2.75$; do., $160, \$ 2.75$. LEMONS.-Extra fancy Russian lemons, extra large, 330 size, per box, $\$ 4.50$; do., 300 size, Messinas, $\$ 4.25$; fancy, 300 size, $\$ 3.75$; do.. 3:30 size. $\$ 3.50$. BANANAS are easier under large receipts and prees are lower by albut 10 c , all grades. STRAIVPBRRTES are coming in well, prices range between 10c and 12c. PINEAPPLES are almost out of the markets, the few cases on hand being held at high prices.
(:ROCERIES.- Trade fair. at former prices in most lines. Canned fruits are very scarce and firmly held. Tapan Tea is very firm. Canned vegetables are ruling high. No further chance in sugars. Price is looking up as supplies are short and no stock is reported in the Lonisiana and Texas districts where prospects are fair for new crop. New York.-Molasses, steudy. New Orleans, open Kettle, good to choice. $3^{-}$c to 40 c. Sugar--Raw, quiet; fair refining, $3.371 / 2 \mathrm{c}$; centrifugal, 96 test, $3.371 / \mathrm{c}$; molasses sugar. $3.121 / 2$ c. Refined, steady ; No. 6, $\$ 4.60$; No. $7, \$ 4.55$; No. 8. $\$ 4.50$; No. $9, \$ 4.45$; No. $10 . \$ 4.35$; No. $11, \$ 4.30$; No. $12, \$ 4.25$; No. $13, \$ 4.20$; No $14, \$ 4.15$ : conNo. 11, $\$ 4.30$; No. $12, \$ 4.25$; No. $13, \$ 4.20$; No. $14, \$ 4.15$; con-
fectioner's "A," $\$ 4.80$; mould "A," $\$ 5.35$; cut loaf, $\$ .70$; crush-
 I．ondon Raw sugar，centrifugal，11s；museovado， 10 s ；beet Hy：ar，July， $9 \times 81 / 4$ d．The coffee market is dull，prices practic－ ally unctanged．In Hamburg there has been a slight stir which raised the price $1 / 4 \mathrm{p}$ pg．The New lork price is $61 / 4 \mathrm{c}$ for Rio Nip．i．Reports of receipts at santos and Rio，favorable 3， （nos，（N世）bags bring amount of stocks at those ports．Total wille sumply is set at $16,500.000$ bags．
H：1）．Canadian bated hay is weak，supplies heary．procen

 ＊13 pie then in car lots．
IIIDE：INO TAILOW：－Business moderate．Quotations for irem city stock：No． 1 hides， 11 c ；No． 2 hides， $10 \% \mathrm{c}$ ；No． B miter， $9 / 2 \mathrm{cc}$ ；\o． 1 cathkins，per lb．， 14 c ；No． 2 calfskins，per lb．， He；tambshms．950；No． 1 horseludes，cach w2；No． 2 horse hade，anll whon；tallow，rendered，per lb．，3e to ac；tallow， rongh，fer 11 ．， $11 / 2 \mathrm{e}$ to 3 c ．
I！© xilit．The market is still quiget at former prices．White daner．©mb．12e to loc；luckwheat． $11 / 2^{2}$ to 10 c ；and extract
 （1）．



 tman！hore as in Emopran and t＇nited States markets．In
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 till phate．hut an adance of $* 2$ per ton on galsomized sheets
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 of combere sted in the opell market during the late fell werk－manting in lower priew for billets．In Xow hork．pig iron certificaters have been dull with
 Towns1，w2：So bial ：Octuber．November and December Gre offered at wat．on．Bat bros hat been dull and easy in ons．Fon car lot－for early delivery sales are made on the
 hate half extras．The forbing trade is fair at ec base full ＂xtran from atore．Following the lead of London，Eng．Prices ，i till on thin wide have been firm with an advance of $5 / 8 \mathrm{c}$ asked for ofot or immediate delivery．During June the Straits ex forted wer sin）toms more than during the same period last bay and ther is a forling that stocks are large enough to ucoment for a decline sown．which probably aceoments for the mall dealing in futures．The London market is a puzzle just fow．（ablew quote till spot tig2．10s．Three months els2．
 Now lork．The bomben market has been irregular and closed 12．（fol higher than a week ago．Soft Spanish closed at te2n 10s asainst et？los ond on the preceding Friday．and against tilf 12s bid on the corresponding day a year ago．Reffined spelter has been quiet and little changed，with spot held at 6.45 c and lome at 6.35 c in carload lots．Antimony has been dull．An fiw sale of special brands being noted at lle for Lon－ don shipment：ordinary brands sell in New York for 10c－lle spot．Coffee remains dull．and the demand is small at present． Sales of refined range from about 22.10 ke to 22.15 m spot．Alu－ minium in ingots is irregular，producers quoting 43c to 4 g． C No． 1 and 42c to 44e for No．2． 80 ，י．e．pere in ton lots．
LIVE STOCK．－Probably the hot weather has been respon－ shbe for the slight decline in the demand for beef．which has left a decrease of $1 / \mathrm{c}$ ，on the local market．For export steers sold at $51 / 2 \mathrm{c}$ to $57 / \mathrm{ce}$ ．a few bulls bringing $43 / 4 \mathrm{c}$ ．English cables shew a slight falling off in the demand for Canadian cattle， which is however not likely to be permanent．Canadians brought in Liverpool $121 / 2^{\mathrm{c}}$ to 13 c ．best Americans $131 / \mathrm{c}^{\mathrm{c}}$ ．The local price is from $43 / 4 \mathrm{c}$ to 6ic．for best．and from $31 / 2 \mathrm{c}$ to $41 / 2 \mathrm{c}$ for inferior grades．During the nast month 15,249 cattle， 1,464 sheep and 31 horses were exported from this point．The ship－
ments of cattle and sheep so far this year fall short of last cear＇s by $\overline{\text { ，500 cattle and } 1,800 \text { sheep．The price of sheep has }}$ weakened $1 / 2^{\mathrm{e}}$ per ${ }^{-} \mathrm{ll}$ ．Lambs are still quqted at $\$ 4$ to $\$ \overline{5}$ and calves are in good demand at last weeks prices．Hogs have been in good demand，though foreign cables report a fall of 2s per cut for Camadian bacon，supplies are small and are looked after by local packers．Prices range from $\$ 6.75$ to $\$ 7.25$ per 100 llos．at the car side．
MAPLE PRODCCTS．－Market steady．Syrup， $5 \frac{1}{2} \mathrm{e}$ per lb．in wood， $61 / 2 \mathrm{c}$ in tins；maple sugar， $71 / 2 \mathrm{c}$ to 8 c per lb ．
$\$ 19.50$ to $\$ 20$ ；shorts，$\$ 22$ to $\$ 22.50$ ；milled mouillie，$\$ 24$ to $\$ 28$
MEAL－Holled oats quiet at $\$ 2,25$ to $\$ 2.271 / 2$ per bag．Corn－ meal，$\$ 1.45$ to $\$ 1.50$ ．
Ullla FEED．Prices firm．Manitoba bran．bags，\＄21．00； －honth．$\$ 2.200$ per ton：Ontario bran，in bag + ，$\$ 19.30$ to $\$ 20.00$ ； shorts，$\$ 22.00$ to $\$ 2.50$ ；milled monillie，$\$ 24.00$ to $\$ 28.00$ per toli ：and straight grain，$\$ 30.00$ to $\$ 32.00$ ．
NAVAL STORES．－Prices keep firm and the demand is good． Pine pitch，$\$ 3.75$ brl．；pine tar，$\$ 4.50$ brl．；oakum， 4 c to 7 c per $\mathrm{lb} . ;$ coal tar，$\$ 4$ brl．；roofing pitch，$\$ 1$ per 100 lbs ；cot－ ton waste，coloured．$\overline{\mathrm{c}} \mathrm{e}$ to 7 c per ll ．；white， 8 c to 11c．Rope： －Sisal $7-16$ and upwards， $101 / 2 \mathrm{c}$ ； $3 / 8$ ，11c； $3-16$ ． $11 \frac{1}{2} \mathrm{c}$ ．Manilla， $7-16$ and larger．15e；3－8， $151 / 2 \mathrm{c}$ ； $1 / 4$ and $5-16$ ，16c．Lath yarn， 10 c to $101 .{ }^{2}$

OHA，and TLRPDENTAE．－Trade is dull at this time of year
 to owe．Turpentine is quoted at 8．je to 9．c．Sarannah．（ia．， threntine，firm at 5 I／4e．Rosin is firm at former pricos．Seal Oii hav：increased in lalue．Pale keal being quoted at 5ose to bilc．Aran Seal remains firm at 4 enc．In London－Calcutta lin－ serd，July and August， $44 \mathrm{~s} 1 \frac{1}{2 d}$ d．Linseed oll． 2 （is．Sperm oil E34．Petrolemm，American refined． $65 / / \mathrm{d}$ ；do，spirits， $71 / 2 \mathrm{~d}$ ． Tupentine spirits．42＊．Rosin，American strained， 10 s $101 / 2 \mathrm{~d}$ ． do．．fine．15：3d．
PodATOES－Market fair，with good demand and only small supplies．Quebee white potatoes are selling at $\$ 1.10$ to $\$ 1.20$ per 90 ibs．on track，and at $\$ 1.20$ to $\$ 1.25$ in a jobbing way，while red stock，in car lots，brings $\$ 1$ to $\$ 1.05$ on track， and $\$ 1.15$ to $\$ 1.20$ in a jobbing way．
Phovisioxs．－Prices kept steady and business rather dull． Abattoir fresh－killed hogs at $\$ 10.25$ ．Heavy Canada short－cut mess pork in tierces，$\$ 32$ to $\$ 32.50$ ；brls $\$ 22$ to $\$ 23.50$ ．Com－ pound lard in tierces， 375 lbs ．， 10 c to $101 / \mathrm{c}$ ；tubs， 50 lbs ．，parch－ ment lined． $101 / 4 \mathrm{e}$ to $101 / 2 \mathrm{c}$ ；kettle lard，tierces， 13 c ；pure lard， tierces， $113 / 4 \mathrm{c}$ to $12 \frac{1}{2} \mathrm{c}$ ．Hams，extra large sizes， 25 lbs ．and up－ ward， $131 / 2 \mathrm{c}$ to 14 c ；large sizes， 18 to $25 \mathrm{lbs} ., 14 \mathrm{c}$ to 15 c ；me－ dium sizes，sélected weights， 12 to $18 \mathrm{lbs} .14 \frac{1}{2}$ c to $151 / 2 \mathrm{c}$ ；extra small sizes， 8 to 12 lbs．． 15 s to $151 / 2$ ；English boneless break－ fast bacon，15．c；Wiltshire bacon，backs，lye；Wilshire bacon， 50 lb ．sides， $141 / 2 \mathrm{c}$ to 15 c ．

Nool．－－There is a slow business at former rates．Dealers quote following prices for wool，Montreal：－Canada fleece，tub washed． 2 cc to 28c；Canada fleece，in the grease，18c to 20c； Canada pulled．brushed，20c；Canada，pulled，unbrushed，27c to 29 c ：pulled lambs brushed 30 c to 32 c ；pulled lambs un－ br：ashed 30 k ：N．W．merinos 18 c to 20 c ．London adrices show that after the mills had filled their orders，there was available for the fourth series salp 175974 bales from foreign sources， It is not considered likely that changes in prices will be mat－ erial．though there are symptoms of a downiward tendency．

## OTTAWA HOUSE CUSHING＇S ISLAND．

The popular and delightful spot known as the Ottawa House at Cushing＇s Island in Portland Harbor，Maine，was refurnish－ ed and reconstructed in all departments last year．The man－ agement this year are catering to the many Canadians who an－ nuelly go to the seaside for their summer trip，and a more de－ lightful spot than Cushing＇s Island could not be chosen．Sea bathing，golf，deep sea fishing rarefied air and cool and pleas－ ant evenings are some of the attractions．
The Grand Trunk Railway System operate fast Express trains Montreal to Portland day and night and further part－ iculars can be secured from any Grand Trunk Agent．
heavy

DYESTUFE藘荗

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| Indigo |
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| Madder ．．．． <br> Sumac |



Wholesale prices current

| Name of Article. |
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| drugs and chemicals - |
| Acid Sarbolic Cryst. medi .. <br> Aloes, Cape .. .. .. .. .. .. |
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| Camplior, Ref. Rings Camplior, Ref. oz. ck. .... |
| Citric Acid $\begin{aligned} & \text { Citrate Magnesia } \\ & 010\end{aligned}$ |
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| Insect Powder per keg, lb. Menthol, lb. .. |
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| Opium....... . |
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| Potash Iodide |
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| ric Acid .. .. .. .. | Wholesale.



Licorice.-
Stick, 4. 6, 8, 12, \& 16 to lb., 1 lb


Heavy ChemicalsBleaching Powder Blue Vitriol
Brimstone. Brimstone.
Caustic Soda
Soda Ash .. Soda Ash
Sal Soda Concentrated

DYESTUFFS


FISH-
Bloaters, per box
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Green Cod, large
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Salmon, British Columbia, half bris Boneless Fish
Boneless Cod

| Skinless Cod, case |
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| Loch Fyne Herrings,.$\ddot{0}$ |
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FLOUR-

| Ogilvie's Royal Household .. .. .. .. |  |
| :---: | :---: |
|  | 510 |
| Seconds | 450 ¢ 60 |
| Winter Wheat Patents .. .. .. .. .. | 4 25.440 |
| Straight Roller .. .. .. .. .. .. .. | 375 <br> 175 <br> 85 |
| -t aurht bags .. .. .. .. .. .. .. .. | 175185 |
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| Bran, in bags .. .. .. .. ... .. .. | 21002500 |
| Shorts, in baga .. .. .. | ${ }^{22} 2002600$ |
| ouillie .. $\ddot{\text { Straig }} \ddot{\square}$ |  |
| Do. Straight Roller | 0 |
| FARM PRODUCKS |  |
| Butter- |  |
| Choicest Creamery .. .. .. .. .. .. |  |
| Under Grades, Creamery .. .. .. .. | ${ }_{0} 2000201$ |
| Townships .. .. .. .. .. .. .. | $0204021 \frac{1}{1}$ |
| Western Dairy .. .. .. .. .. .. .. |  |
| Manitoba Dairy .... .... .... .... |  |

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WHOLESAI.E PRICES CURRENT
$\overline{\text { Name of Article. Wholesale. }}$
FARM PRODUCTS.-Con.-
Cheesw- sc. se. $\begin{array}{lllllllll}\text { Finest Western white } \\ \text { Finest Western, coll } \\ \text { coloured } & . . & . . & . . & . & 0 & 11 & 0 & 11 \\ 0 & 11 & 1 & 121 \\ 0 & 00 & 11 \\ 0 & 11\end{array}$

Eggs -

(1.) Candiled

Sundries-
Potatoes per bag, of 90 lbs, $\begin{array}{llll}1 & 0 & 2 & 1 \\ 0 & 12 & 20 \\ 0 & 2 & 15\end{array}$


Beans- 新


GRUCERIES-
Sugars-
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E:x. Ground, in barrels
Ex Ground, in boxes
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rowdered, in bases...
aris Lumps, in barrels
aris, Lumps, in barrels in halt bariels
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Molaseses (Barbadoes) old
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## $\begin{array}{ll}0 & 321 \\ 0 & 324 \\ 0 & 331 \\ 0 & 11\end{array}$

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Burmah, per 100 ibse ..

| Carolina, Java ... $\because \cdot$ |  |
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| Pot Barley, bag 98 | ${ }^{2} 002 \begin{aligned} & 29 \\ & 0\end{aligned}$ |
| Pearl Barley, per lib. . . .. . . | 0071/ 0008 |
|  | 0071/2008 |
| Corn, 2 lb . ting | 0924 |




Salt-


Coffees



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WHOLESAIIE PRICES CURRENT.

| Name of Article. | Whoresale. |
| :---: | :---: |
| OLLS | \& c. \& c. |
| Cod Oil . .. |  |
| S. R. Pale Seal .. .. .. .. .. .. .. | 055060 |
|  |  |
| Cod Liver Oil, Norwegian .. .. .. .. | 125150 |
| Castor Oil .. .. .. .. .. | ${ }^{0} 10011$ |
| Castor Oil, barrels .. .. .. .. .. .. | ${ }^{0} 090{ }^{10}$ |
| Lard Oil, extra .. .. .. .. .. .. .. | $\begin{array}{llll}0 & 70 & 0 & 8 \mathrm{c} \\ 0 & 60 & 0\end{array}$ |
| Lard unt .... | 060 0 065 0 |
| Linseesd, raw, Linseed, boiled, | $\begin{array}{llll}0 & 65 & 0 & 67 \\ 0 & 68 & 0 & 70\end{array}$ |
| Olive, pure .. .. .. ... .. | 130 |
| Olive. exira, qt., per case .. .. .. | 378 |
|  |  |
| Wood Alcohol, ver gallon .. .. ... . | 100125 |

## PETROLIEUM-

Acme Prime White, per gal.
Acme Water White, per gal.
Astral., per gal
Benzine, per gal
Benzin, , per gal.
Gasoline, per gal.

| $\quad \begin{array}{rr}0 & 0 \\ 0 & 20 \\ 0 & 25\end{array}$ |
| :--- |

## glass-

 170
180
385
345
395
395

PAINTS, \&c.-

| Lead, pare, 50 to 100 lbs . kegs .. .. |  |
| :---: | :---: |
| Do. No. 1 .. .. .. .. .. .. .. .. .. |  |
| Do. No. 2. .. .. .. .. .. .. .. .. .. | ${ }^{6} 05640$ |
| Do. No. 3 . ${ }^{\text {a }}$. .. .- .. .. .. .. ${ }^{\text {. }}$ | 580 180 180 |
| White lead, dry .. .. ... .. ... .. .. | 600750 |
| Red lead, .. .. .. .. ... .. .. .. .. | 600650 |
| Venetian Red, English .. .. .. .. -. |  |
| Yellow Ochre, French .. .. .. .. .. | 150 |
| Whiting, ordinary .. .. .. .. .. .. .. |  |
| Whiting, Gilders' ${ }^{\text {a }}$ ( .; .. .. .. .. | $\begin{array}{llll}0 & 60 & 0 & 70 \\ 085 & 1 & 00\end{array}$ |
| Whiting, Paris, Gilders' .. ... .. ... | 2002 (5 |
| Belgian Cement ${ }^{\text {Eng }}$.. .. .. .. ... .. .. | 185 0 190 |
| German Cement .. .. .. .. .. | ${ }^{1} 00000$ |
| United States Cement .. .. .. |  |
| Fire Bricks, per 1,000 .. .. .. .. .. | $\begin{array}{rr} 1700 & 2100 \\ 075 & 125 \end{array}$ |
| Fire Clay 200 lb. pkgs. .. .. .. .. .. Rosin, per 100 lbs. .. | $250500$ |

Glue-
Domestic Broken Sheet
French Casks

American White.
Brunswick Green
French Imperial Green
o. 1 Furniture Varnish, per gailoon Brown Japan
Black Japan
Black Japan.....
Orange .Shellac,
No.
Orange ${ }^{\text {Shellac, No. }}$
Orange shellac, pure
White Shellac
Putty, bulk, 100
1 b ${ }^{0}$ barrel
Party, in Green in drum, $1 \mathrm{lb} . \ddot{\mathrm{pkg}}$
Kalsomine 5 lb . pkg

WOOL-
Canadian Washed Fleece.
Buenos Ayres
Natal, greasy
Cape, greasy ...
uustralian greasy

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Toronto rat., Main 3290
increase in the quantity of cotton plant ed this season. The plantations are look ing well, and the future of the cotton growing industry to the country is as sured. From British East Africa satis factory accounts have been received, and the ginning factory for Malindi has just been shippod. In West Africa the cotton purchases during May were equal to 1,112 bales, and 954 bales were ginned. The cotton purchased since the beginning of the year is equal to 5,530 bales, as compared with 2,778 bales for the first five months of last year and 1.162 bales for the same period of 1905 . The/ arrangements for ginning next year's crop are complete. machinery having been sent out sufficient to deal with 30000 bales. It was decided that, providing sufficient additional capital be obtained two large additional plants, each capable of ginning 12,000 bales per annum, should be sent out. at a cost of about $\$ 150.000$. in good time for the 1909 season. As to the Northern Nigerian Railway, it is almost certain that the Government wili take this matter in hand shortly. The line will run through a large track of country which is splendidly adapted for cotton growing, but which cannot yet be brought under cultivation owing to the entire absence of transport facilities. It is hoped that arrangements may be made for a representative party of planters to visit the West Indies shortly. Sir Alfred Jones has offered to carry them free from Jamaica. An allotment was made of 716 shares which had been applied for during the month. Messrs. J. R. and A. Smith, of Preston, having paid the last call on

## "Holes.ile prices current

| Name of Article. | Wholemele. |
| :---: | :---: |

NES, LIQL ORS. ETC.


spirits Canadian-per gal.-


Ports-
Tarragona
Oportos
$\begin{array}{lll}180 & 200 \\ 200 & 500\end{array}$
Sherrie-
$\begin{array}{lllllllllll}\text { Imontillado (Lion) } & . . & . . & . . & . . & . . & 3 & 50 & 4 & 00 \\ \text { Cther Brands.. }\end{array}$
Clarets

Champagnes-
Tour. sece .. .. .. .. 11001200
Brandies-
I Lennessy, gal.

Richard 20 years fute i2 qta. in cabe Richard V.S.O.P. 12 qts.
isichard V.O. 12 qts. ..

5251025
12751700

Scotch Whiskeys-


Irish Whiskey-
Power's, qts.
Tameson's,
qts.
Rushmill's,
10251050
9501100

-. 8001150

Gin-


# Graham, Morton \& Co., Ltd. 

Engineers \& Contractors, Woaks infle Hunslet, Pepper Road, LEEDS, Eng.


London Office:-Lennox House. Norfolk Strtet, Strand, W.C. Australlan Addrese:- Mutual Life Bldg., Martin Place, Sydney, N.S.W. Write tor Catalogue which contains 150 photographs.
the 500 shares originally applied for, hat 500 shares, making their tot:al holding into $\$ 5.000$. It was suggested that other shateholders might be willing to sulaceibe for additional shares when they had dis charged the lialulity on their writing holding. The total number of shares subscribed for to date amounts to $* 1.283$, 840. Attention was called to the aper.h made by sir William Holland. It P., at anmal merting of the Fine Cotton Spimers and Domblar Association, when he mentioned the splendid resulte achered by the assorra tion in the Wrost midies. Had it mot been for the tine sea Istand wotton which had been grown in these islands during the last few year, in all probability a goocd good many of the mills using the finer grades of cotton would hate heen obliged to work short time. owing to the seareity of the raiw material

## RAIINAY ACOIDEXTS

While no legistation caln cure a certain reckless disregard for life, which is a distinctively westem charactoristic, it is reasomable to conclude that d finite re strictions with regard to the nese of dangerous applances and equipment have a material influen: in lessening the number of accidents. The safety appliane: law of the United States afforde a gratsfying proof of practical results. It
providen that all railways must war ar conpleto which con be beth compled and masompled wiflout the neresesty of men woing between the cods of the cars and which are maintained at a certain uniform height. must have locomotives equipped with power driving wheel hrake and applanew for operating the train brake syotem. must have secure graburons on the sides and ende of cars. and must have a certa'n minimum percentage of the cars in exery train mapead with powe hakes in an operative condition. so that the enginear of the lowontive hareling such trath can coatrol it- speed with ut requiring brakemen to use the common hant-brake for that pupowe. Failere to wheme any one of these remprements suljeects a railway to a penalty of one humbed dollare. and if an employe is inioned or killes through the use of equipment in violation of law the company an ot awil itself of the common law d tence of "as sumed risk" to aroid financial responsibility. This law came fully into, efferet in August. 1900. and has had the effect of greatly lessening the record of accidents among railway employess. In 1893, with siacter persun on the pay rolls of the ralloods of the l'nitel states. $43: 3$ empleyes were killed and 11273 injured in coupling and moupling cars. In 1900. with 1.382.196 persons employed. 230 were killed and $3, \frac{5}{4} 3$ injured in coupling and uncoupling cars. Taking the class of traimen who are pecularty liable to such casualties, there were 310 killed and
8.7.53 injured in coupling accidents in 1893. out of 179,636 employed, while in 1905. out of 265,175 employed, 217 were killed and 3.316 injured in coupling accidents. If the casmalties due to coupling and uncoupling cars had increased in the same ratio as the number of trainmen employed since 1893 there would have been 458 men killed and 12931 injured in 1905. The ratio of casmalties to trammen from coupling and uncoupling cars to the total accidents to trainmen in 1893 was 44.33 per cenit., while? in 1905 it was but 11.10 per cent.. a decrease of 33.23 per cent. In reviewing these statistics in The Railway World, the secretary of the U. S. Interstate Commerce Commiscion saly that if the sav ng if human life is the hish ot purpose of law this i.s entitesl to rank with the most bencficent acts of moti nal legislation. The fact that the logal restranints have saved many lives must not be regarded as intimating that railway corporations or officials are intentionally reckless of human life. No railway manager would evar deliberately en:ourage or permit a plicy or method of operation which he bel!eved to be fraught with danger to the travelling pablic or to railroad employees. Yet it is true that managers and held primarily respensible for the financial results of operation, and to make a satisfactory showing it is often thought necessary to introduce measures of economy that would not be adopted if circumstances were such that the safety of travellers
and employ consideratio tenance of purchase of are not up continuing after it shol pairs, and character re spire to pro imical to sa greatest suf
 STAFFORDSHIRE BLUE BRICKS FOR ENCINEERING ELECTRICAL \& CMEMICAL WORKS, ETC


数
and employees could be made the first paring methods, and, as a rule, their proconsideration. The reduction of main- tection can only be assured when it is tenance of way and repair forces, the clearly recogn zed as an operating prob purchase of material and supplies thit lem. Protection to the emplovee lies in are not up to the proper standard, the lem. continuing of equipment in service leng increasing the financial responstibity of after it should have been shopped for re- the railroad, for his injury or death. pairs, and numberless measures of like While directorat's know little or character result from economy and con- nothing except thr financial results, respire to produce conditions that are in- forms must be effected by giving them a imical to safety. Employees are the direct bearirg on the balance between greatest sufferers from thase checse- rece.pts and expenditures.

COATING FOR BRICK WALLS

The following coating for brick walls is used by the United States Government for painting lighthouses. and it effectually prevents moisture from str.king through: Take a fresh Rozomdale remont, 3 parts, and of clean, fine sand, 1 part; mix with fresh water thoroughly. This gives a gray or grante color, dark or light, according to the color of the cement. If brick color is d sired add enough Vene-
tian red to the misture to produce the fact may explain its value in certain color. If a very light color is desired, cases where whiting gives too much confime may be used with the cement and traction; it would, however, be cheaper sand. Care must be taken to have all the and better to use less whiting rather ingredients well mixed together. In ap than to employ phaster in such a glaze plying the wash, the wall must be wet The large propertion of sulphuric acid with clean frewh water: then follow im- which plaster contains-in the best sammediately with the cement wash. This ples it is never less than 45 per cent.prevents the bricks from absorling the water from the wash too rapidly, and gives time for the cement to set.' The wash mu-t lee well stirred during the application. The mixture is to be made as thick as call be applied conveniently with a whitewa-h bruch. It is admirably suited for lorick work, fences, etc., but it cannot be used to adrantage when it is appled over paint or whitewash.

WHITING INI PIASTER OF P.ARIS.
Whiting. often called Paris White, is one of the many forme of carbonate of lime which are found in various parts of the world. It is clozely allied to chalk, limestone and a number of other carbonates, and is a valuable agent for re ducing the temperature at which a glaze melts. It munt not be confused with Plaster of Paris. which acts in a similar mamer, says the Brick and Pottery Trade. When heated alone to a high temperature whiting loses carbon dioxide, and is converted into quikklime, which is quite infusible. but in the pres. enee of siliceons materials combination takes place, and a more or less vitrified mass (according to the relative proportions of the whiting and other substances) is produced. Whiting is. in fact, one of the cheapest fluxes known.
Whiting may easify be distingnished from most of the other ingredients of glazes and bodies by the effervescence produced when a little hydrochloric or sulphuric acid is poured upon it. To obtain a maximum fluxing action from whiting it is necessary to heat it to an exceedingly high temperature. or to add some more easily fusible substance to the material felspar is commonly employed for this purpose - but the action one started. goes on with ease and rapidity. producing ideal glazes under comparatively wide variations of temperature. When properly prepared it is cotremely fime. and when mixed with a little water gives a smonth, milky paste. very pleasant to the tonch, and quite different from flint. which it somewhat ressmbles in ap. pearance. Plaster of Paris, or gypsum. is another compoumb of lime. but is possessed of very difterent propertine tow whit. ing. It is chieflv noted for its "setting" properties. which enable it to be used in the eonstruction of moulds. casts, ate. In years gone by it was thought that come plaster of Paris must of $n$ cepssity be added to a glaze to make it adhere to the goods. but this idea has long been discarded and as plaster has many disadvantages accompanying its use the number of glazers who employ it is becoming rapidly less. Weight for, weight, it is less active than whiting. and this
tends to make glazes containing plaster monewhat dim, or filled with whitish specks of semi-erystalized matter. which can only he avoided ley particular atten-tion-during the earlier stagen of the firing. and when once formed can never be entirely removed. This defect is char acteristic of sulphur compounds in glazes, and on this account it is wise never to allow the propertion of sulphates to exceed/ Is per cent. of the weight of the (dry) glaze, and, whereever possible, to aroid theirt use altogether . On this account plaster of Paris should in most cased be replaced by two-thirds of its weight (or less) of whiting in glazes and bodies.

## IMMIGRATION.

The total immigration into Canada for the month of April, 1907. was 44.051 as compared with 3.5 .313 for April of last year, an increase of 2.5 per cent. For the ten months. July 1,1906 . to April 30 . 1907. the immigration was 168.718 , as compared with 124,031 for the earresponding months of the fisral period 1905-06, an increase of 44,687 or 36 per cent. The complete returns of naturalization in Canada for 1906 have been tabulated by the Secretary of State's Department. and show thit a very large propertion of Canada's new citizens from foreign countries are taking the oath of allegiance. During the year the naturalizations totalled 10.242 . as compared with 6,6332 for the previous year, an increase of 3,810 . The naturalization requires three years' residence in the Dominion before papers of citizenship can bue taken out. Taking into consideration the fact that only the heads of families and young men over 21 years of age and of foreign birth will need to take the math of allegiance. the total of 10.242 for mat yeal probably represents a foreign immigration of thistr to forty thousand And since thres years residence is required it will be seen that almost the whole foreign immigration of 1903 has now become naturalized by law. The total na turalizations of imimigrants from the $\mathbb{U}$. S. were 3.888 , which. compared with the immigration figures of 1902-03 show that nearly all the American male settlers west are taking the oath of allegiance to the Rritish Crown. Other mationalities show the following totals:- Ans. trians 680: Belgians 78; Chinese 229 Danes 66: French 116: Galicians 582 Germans 219; Hungarians 148; Teelanders 139: Italians 430; Japanese 146 ; Norwegians 151 ; Prussians 58 : Roumanians 407; Russians 1,027 and Swedes 314.

## LUMBER SUBSTITUTES

The Iron Trade Review says that "the cause of the profligate waste of the American forests is found in the cupidity of private lumbering interests with eyes only for the present profits, and none for the future welfare , but this is of little concern except as suggesting action for the preservation of the timber still standing. The more important fact is that the maximum yield of forest prosducts has been reached, that the output is hereafter to decrease. and that consumers of wood will hortly be driven $b_{y}$ reason of its scarcity and increasing cost to find and adopt satisfactory substitutes. There is a growing sentiment for intelligent forestry. fostered particularly by certain leading universities, which will doubtless serve to prolong the approach of famine conditions, and extensive tree-planting by railway interests will lessen the perplexities of the crosstie situation for a time, but none of these efforts is extensive enough to promise any adoquate measure of relief. In the building operations of the future concrete will play ites important part in all the more extensive undertakings in connection with the strength-giving steel bar. Tile and other clay products are to find more general use. The steel cross-tie, despite occasional setbacks. is well on its way to widespread adoption, and the wooden railway car will soon be a relic of an experimental past. Steel is already in wide favor for walls, as metal lath and ceilings. Substitutes for wood are being found on every hand. for the most part in some form of steel which is commended by the increasing ease and cheapness by which it can be turned into any finished form desired."

Plans have been completed for the erection of a flour mill at Macteod and another at High River. Elevators of a (apacity of 40,000 bushels each will be erected in time ${ }_{o}$ receive this year's crop at Claresholm, Sta vely, Parkland, Cayley and Carstairs.

Imperial Bank of Canada. DIVIDEND NO. 68.

NOTICE IS HEREBY GIVEN that a dividend at the rate of eleven per cent. (11 p.c.) per annum upon the Paid-up Capital Stock of this Institution has been declared for the quarter ending 31st July, 1907, and that the same will be payable at the Head Office and Branches on and after
THURSDAY, the 1st of August next
The Transfer Books will be closed from the 19th to the 31st July, both days inclusive.
By order of the Board,
D. R. WILKIE,

General Manager.
Toronto, Ont., 26th June, 1907.

Telegraphic "Rope, W

Bras

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Kensington Southwark Canada
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Stocks and Bonde-INSURANCE COMPANIES- - anadian- - Mon reál Quoza inns, July 2, 1907.

| Name of Company. | $\begin{aligned} & \text { No. } \\ & \text { Share } \end{aligned}$ | $\xrightarrow[\text { Dividend }]{\text { Last }}$ per year. | Share par value. | Amount paid per Share. | Canada quotations per ct. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| British American Fire and Marine .. | 15,000 | 31-6 mos. | 350 | 350 | 97 |
| Canada Life .. .. .. .. .. . .. .. | 2,500 | ${ }^{4-6} \mathrm{mos}$. | ${ }_{100}^{40}$ | 400 10 | 160 |
| Confederation Life .. .. .. .. .. .. | ${ }_{25}^{10,000}$ |  | +00 | 20 | 80 |
| Western Assurance Guarantee 0 Co. of North America | 13,372 | - 2 - ${ }^{\text {a mos. }}$ | 50 | 50 | 160 |

British, \& Foreign-Quotations on the London Market, June 22,1907. Market value p. p'd up ah

| Alliance Assurance .. .. .. .. .. .. | 250,000 | 10s. p.s. | 20 | 21.5 | 11 | 118 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 120,000 |  | 10 |  | $5 \frac{1}{2}$ | 51 |
| British and Foreign Marine.. .. .. | 67,000 |  | 20 | 4 | $18 \frac{1}{4}$ | 18 |
|  | 21,500 +0.000 | ${ }_{\text {12s. }}{ }_{45}$ p.s. | 50 | 4 |  |  |
| Guardian Fire and Life .. .. .. .. | 200,000 | 88 | 10 | 5 | $9_{1}^{1}$ | 10 |
| London and Lancashire Fire.. .. .. | 89,155 | 28 | 25 | 2 | 238 | 246 |
| London Assurance Corporation .. .. | 35.862 | 20 | 25 | 124 | 17 | 48 |
| London \& Lancashire Life.. .. ... .. | 10,000 | 204 | 10 |  | 9 | $9{ }^{\text {9\% }}$ |
| Liv. \& Lond. \& Globe Fire and Life.. | £245.640 | 90 | sT. | ${ }^{2}$ | 42 | 43 |
| Northern Fire and Life $\cdot \cdots \quad \cdot \quad \cdots \cdot \cdot$ | 30,000 | $\stackrel{32}{32}$ | 100 25 | ${ }_{64}^{10}$ | 75 39 | 77 |
| North Brit. \& Merc. Fire and Life .. | 110.000 11.000 | $\underset{£ 5}{34 / 6 \mathrm{p}, \mathrm{s} .}$ | 25 100 |  | 39 110 | +40 |
| Norwich Union Fire .. .. .. .. .. | 11,000 53,776 | ${ }_{35}$ | 100 50 | 12 5 | 110 31 |  |
| Phoenix Fire .: $\ddot{\sim}_{\text {¢ }}$ | 近 $\begin{array}{r}\text { 53, } \\ 130,629\end{array}$ | 634 | 20 | 8 | 491 | 50 |
| Sun Fire . | 240,000 | $886 \mathrm{dp.s}$. | 10 | 10 | 118 | $12 \%$ |
|  | 45,000 | $15 \mathrm{p.s}$. - | 10 | 4 | 28 | 281 |

*Excluding periodical cash bonus.

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