dent drop the government ack and he will see before mattern of his off repeated phecy of a genuine trade

nered Fight.

vay, say it looks more like al race next year with Mr. ndard bearer Bryan head. el ticket and the Repube late William McKinley's ess world—unless the Wil-e meantime—behind him. d War Stocks

of a great manufacturi his secretary that the had jumped five points. who is buying?" The int, was not illuminating. It ne old stereotyped phr tells nothing resident learned-but not another five points-t order for arms and amquestion got a slice of it he bankers availed them-narketwise. They did not, who knew about the or since-and that he was

s not a matter of genera ficials of the war indu last people to profit b ecialities. They have ha of looking at such move e the money.

ape. most effective silencer. A eed 30 or 40 points. Ear systemati times a week his cole P. Morgan would call ments on the big opera. he latter replied via the

avorite broker called him one of the vicious para onslaught and a ris dinary coincidence. The ed in the end to be full the argument, the move alf over. The moral of hit the moon you must

oodrich was surprised b ore out the statements duct of its busines I be much steater. F larger income. This e cement of the director

Dividends. nake prices. l, now sell very high b I stocks are quoted to stock exchange have d about (50 per cent. to their holders. But rewards. War stock their most optimist grounds. Lam given big stock dividends

TATEMENTS. Bank of England for a

1914.	1913.
£ 40.054.654	3 - , 205, 205
£ 39,599.970	€ 37,591,226
40,082,797	37,047,586
39,928,263	38,416,502
38,681,596	38,493,511
, 36,935.487	37.849.002
35,992,318	37,600,627
35,947,360	37,715,627
35,946,535	37,706.9f
35,806,352	36,361,981
35,941,599	3,6,875,642
36,765,422	37,767,218
36,893,898	38,203,292
36,237,767	37,922,106
36,028,143	37,094,439
39,014628	36,303,979
40,855,324	36.541.315
41,170,028	36,862,105
41,642,084	37,417,498
41,786,783	37,480,778
42,705,040	37,715,007
42,527,458	37,712,383
43,154,292	36,991.174
43,355,136	36,191,667
43,634,723	36:401.865
39,890,867	35,273,610
37,110,409	CT1
41,928,672	
war period	were at the
n total was	£ 72,570,142,
was £ 27,62	2,069 on Au-

been as follows. 1914 275,890 93.604

RANSACTIONS.

241,451 299.83 361.558 299,465 318.786 310,871 118.893 \$1,997.000 \$1.053.000 1.185,000 1,887,000 1.449,000 2,009,000 1.337.000 1,665.000 1,741,000 1,705,000 787,000

#### AVERAGE YIELD FIFTY PER CENT BELOW WHAT MIGHT BE ATTAINED

sent Average Yield to Be Low—Crop Values
Can Easily Be increased \$150,000,000.

dvice given in the most recent announcemen of the Department of Agriculture at Ottawa to make land produce more, cannot be over-emphasized ons of bushels, rather than the cultivation of ex sive acres, should be Canada's aim. Improved roduction is only possible by the use of good, pure seed and by assiduous and knowledgeful attention to the soil. Experience is undoubtedly, in farming as in all other objects in life, the best instructor, but just as fertilizers help the soil, so does acquiring th sults of experiments made by others make the road easier to the lesson that is to be learned. Never was ere so much necessity for thoroughness and earnestness as now, when the markets of the world are wide open, when they are being shifted, and former occupants are receiving notice to get out.

As proof that there is abundant room for increasoduction by improvement, an official statement as follows is present of the average yield of various products last year, and of the average that is pos

	Average.	Possible.
Fall wheat	20.43	52.
Spring wheat	14.84	33.
Barley	16.15	69.
Oats	36.30	91.
Corn. grain	70.	200.
Corn. Ensilage (tons)	12.	19.
Peas	15.33	37.
Beans	18.79	50.
	119.40	450.
Turnips	421.81	1000.
"nossible." it is explained.	is meant	results a

obtained at the Experimental Farms and by many farmers under intensive cultivation.

While such results may not be obtainable in ever case on the average farm, strict attention to the selection of seed, the use of fertilizers and thorough pr paration of the soil will accomplish much. It is estimated that in this way the value of the crops of Can ada might be increased in a good season by \$150,000. 000, which would be more than enough to meet inter on all the money borrowed by the Dominion from Great Britain or invested in this country.

This is not a burden placed upon the agricultura mmunity. It is a task it is asked to undertake for self-interests and to make the Empire more self-sus ained. It is the unity of patriotism and production.

#### WESTERN CROP CONDITIONS ARE CONSIDERABLY BETTER

Winnipeg July 19. - Crop reports continue to be ptimistic. The weathe rduring the past week in Maoba was warm and bright, with sufficient rain to keep up the supply of moisture. Wheat is practically all headed out, with a good length of straw. Profes sor Bradford, Deputy Minister of Agriculture, predicts considerably better than average crops. Flax is ess satisfactory, but the acreage in flax is small. Hay crops may also be light, and many farmers re-seeded orn areas to other grains.

favorable with good growing weather. The setback due to frosts and cold weather in the month of June were retrieved by ideal conditions in the first two days of July. At some few points rain is needed.

In Alberta alon gthe main line of the C.P.R. and in the south the weather has been bright and warm vier and more settled weather would be beneficial In districts in southern Alberta there is every indication of a good yield. South of Lethbridge cutting of full wheat is expected to commence August first o far damage from hail has not been very ser On the whole, Alberta should have the best wheat

#### LONDON STOCK MARKET DULL.

London, July 19.-Markets dull with Americans fairly active and steady. War Loan 921/2; Consols

bb 1-16.				
	New York			
	1 p.m.	Equiv.	Chan	ges
Amal. Copper	771/4	733/4	Off	1/4
Atchison	1041/4	991/2	Off	74
C. P. R	151	144	Up	34
Erie	2638	251/4	Off	1/4
M. K. & T	6	- 534	Up	3,
Southern Ry	14	133%	Off	7,
Southern Pacific	861/2	821/2	Off	3/8
Union Pacific	1311/2	1251/2	Off	1
U. S. Steel	67 3/8	64 1/2	Off	1/4
Demand Sterling 4.77				

EASTERN CANADA OPENING MORE BRRANCHES THAN WEST

Canadian banks now possess 3,254 branches of which ial to destroy life.

This is not because of sympathy with the German tia 109, New Brunswick 79, P.E.I. 17 and Yukon 1. In June 26 branches were opened and 18 closed.

COPPER MARKET PRICES

New York,	Ju	ly	19	-Coffee	market	bid	prices:-
July							7.10
beptember .							6.93
December							7.02
march							7.15
May				S		·	7.25
1							

AMERICAN STOCKS STEADY. London, July 19 .- American stocks in the late after

steady at about ear	lier pr	ices.	
	2 p.m.	Equiv.	Changes.
Amal. Copper	77	731/2	Off %
Union Pacific	1311/2	1251/2	Off 1
Demand Sterling 4 77			

No. 1 northern spring 11s. 71/2d.; No. 2 winter 11s. 8d.; \$1.67 per bushel in the wheat pit. No. 2 soft winter 11s. 71/2d.; Rosafe 11s. 5d. Cash corn irregular, unchanged to off 11/2; Ameri can mixed 11s 3d., La Plate, new, 6s. 9½d.

COTTON FUTURES QUIET.

verpool, July 19, 2 p.m.—Futures quiet 4½ to 5 is advance. Sales 10,000 bales, including 9,400 oints advance. Jan:-Feb. 5.47d.; March-April 5.56d.

SPOT WHEAT UNCHANGED. Paris, July 19.—Spot wheat unchanged at 1.991/2.

### WAR STOCKS REACH UNHEARD-OF PRICES

Side Lights on the Speculation Which is Just now the Fashion in Wall Street

#### MUNITIONS KEY TO PROBLEM

"War Order Stocks" Focus of Excited Speculative Enthusiasm, Because these Supplies Must be Obtained in the Largest Possible Volume.

New York, July 19.-Wall Street people received vivid object-lesson in April, when Bethlehem Steel rose 70 points and American Locomotive 40 points in the space of two weeks, and when stocks like Baldwin Locomotive, Westinghouse, and New York Air Brake advanced 25 to 35 points, of the effect the placing of large European "war contracts" could have or the imagination of the speculative community. was therefore not a novelty when, this week, the tocks of companies known to be identified with war orders became even more violently active than they when speculation broadened so far in April.

Taking a list of a dozen of the leading war-order ues, it is seen that their transactions last week were equal to more than 40 per cent, of the entire Stock Exchange business, sales of approximately 350,000 shares of Westinghouse, 275,000 American Can, and 225,000 Crucible Steel far exceeding the sales of any other single tssues except United States ahead of those in any other department; Bethleothers various large amounts, all to prices never be-

As an example of what the excitement was ne, and 164 separate price changes. In Union Paeific, a usual market leader, there were during the same interval only eight changes in price, in Southhe New York Stock Exchange for a number of years. The speculation in this particular issue is absolutely

week as if the advances in the war stocks were erazy, the dramatic circumstances surrounding the with building up the buying movement. It is a fact stocks has there been thus far a dividend increase. or a stock bonus, or any other form of distribution that would enable observers to judge the extent of profits that are even expected to come out of the mu nition manufacture now so actively under way. Only the Bethlehem Steel Company, of all those which have received contracts, has yet actually shipped shells abroad at all, and its early output was only made possible by the fact that it had the necessary equipment when the war began. Other companies are still in the process of reconstructing plants, so it has rested on speculative sentiment fed on tips and unconfirmed reports, rather than on wisdom and knowledge, to directly shape the movements of so

And yet the advances have not been wholly the duct of a wild gambling mania; munition contracts calculated at far more than a billion dollars are now there is an assured profit, else they would not have been taken. It is true that the business is new, and hat in the lack of experience manufacturers themselves do not know what their profits ultimately will Makers of car-wheels, steel nails, building girders, sewing machines, and electric dynamos are not apt to figure cleverly on shrapnel contracts, cart ridge, rifle and bayonet contracts. But already large money advances have been made by construction or plants, and guarantees have been given against loss friends of the press to give them the widest pos rance given on the war stocks.

expected that dislike at the purpose to which the outout under these contracts was to be devoted would play any part in the stock market attitude. Yet hu district who will not put their money, even for spec- suance of 150,000 contos of milreis in paper market are to be governed by manufacture of mater-

It is not denied that the Berlin Stock Exmitted. change is speculating in shares of exactly the same periment. description. But with Wall Street people of this temperament, dislike of the whole business of manufacturing material for war settles the question of their own participation. Their position resembles that of the still smaller group of Wall Street men who objected to dealing in "Distillers' Securities" when the stock was active, because they did not care, even indirectly, get identified with the whiskey trade.

But this is not the general attitude. The "war or der stocks" are a focus of excited speculative enthusiasm because the war is so huge a thing itself. and because Kitchener and Lloyd George have declared that "munitions," in the largest supply obtain able, are the key to the problem. It is the imagina-tion which is touched—just as it was touched by the stories of starving Germany and of the English "food-Liverpool, July 19.—Cash wheat firm, unchanged stuffs crisis," in the case of the speculators who paie

SHORTAGE OF HARVEST HELP.

Regina, Sask., July 19.—Saskatchewan Government officials are conferring with railway officials in Winnipeg with a view to relieving an anticipated shortage of harvest help.

Geo. Bury, vice-president of the C.P.R., estimates Geo. Bury, vice-president of the C.P.R., estimates

July-Aug. 5.14%d.; Oct.-Nov. 5.32%d.; that between 40,000 and 50,000 men will be required to the control of the control

Experts anticipate a good average wheat crop. Good rains during the last seven days will carry the crop to maturity in this district.



Chairman of the Canadian War Purchasing Com

PIONEER PRESERVING

By Peter McArthur.

Steel. At the same time price advances ran far preserving fruits? Our grandmothers put away their production, demand, trade conditions, etc. ahead of those in any other department. Bethle-hem Steel in five days of the week advanced 23 of sugar were invented, and in the present state of until one of the little party chanced to remark:

"I remember getting fresh raspberry pies in the immediately, and although the year ended on approx-winter time and the pioneer housewife who made imately the same level as it began, the effect on the orn Pacific 16. Amalgamated Copper 11, and New York Central 2. Until the opening of May there had not been a single transaction in Crucible Steel on until it overflowed. Then she let it stand in a cool modities) stood at 136.1 for 1914, compared with 135.5 for 1914 and 1314 for 1912, these numbers being percellar and her berries kept fresh all through the for 1913, and 1314 for 1912, these numbers being per-

but for a different reason. They wanted to know by the number since 1890, eceptance of munition contracts having much to do how to preserve raspberries in the cheapest way that in not one of the Stock Exchange's war order had made the remark, but she could not cast any further light on the question. She was only a little neglected to ask for full particulars of this unusual dent of pioneer methods I was only able to add confusion to the discussion, for I seemed to remember hearing about preserving fruit in this way by floating a layer of melted beeswax on top of the water in heard of this method, so we made no progress.

It is quite possible that the introdution of chear sugar did away with many serviceable old-time me thods of doing up fruit. If so it would be a distinct time recipes to make them public this year when omies are being urged on all of us on account of the war. Anything that will reduce expense in preparation or preservation of food products should be given the widest possible publicity year we have large quantities of almost all kinds of save all of it. If the high cost of the approved me thods makes them prohibitive, let us go back to the cheaper methods of our forefathers.

If you have any of those old recipes telling how to preserve any kind of fruit, from raspberries peaches, in a way that will be inexpensive and ye palatable, kindly send it to me, and I shall ask m by an early termination of the war. So there is that one to have a plentiful supply of fruit in this year of stress, and at the same time make it possible to the questions to be decided are questions of profit and loss, of probable results in a given undertaking from the financial point of view, and of safety or hazard in

BRAZIL TO AID COFFEE-GROWERS

New York, July 19 .- New York coffee firms have man nature is as various in its manifestations here as elsewhere. There are people in the Wall Street who will not manifestations be district who will not manifestations for the wall street who will not manifestation to the wall street who will not manifestations here. is to be used for the purchase of the present Sao Paulo coffee crop, up to 4,000,000 bags.

This measure has been taken to avert threatened where. During the past two years it is noticeable that cause in the present war, or antipathy towards the Al- financial embarrassment of coffee-growers through majority of the branches opened have been in lies. The arguments that sales of munitions from the loss of two of Brazil's big coffee markets, Gerastern Canada, while the majority of the branches neutral communities to belligerents could not well be many and Austria, by reason of the war embargo. No discountenanced without placing the poorer and weakhas 1164 branches, Quebec 716, Saskatchewan 401. Alberta, 258, British Columbia 208, Manitoba 204, Nova Scotia 109, New Peruscitek 79, PEI 17, and Vukos that our Government has no right to discriminate from London yesterday reported an advance in the against England and in favor of Germany, merely be- Santos market on buying by some of the larger Bracause Germany has lost control of the seas, are ad- zilian interests who were credited with buying for valorization account at the time of the previous ex-

LONDON METALS.

London, July 19.-Spot copper £74 10s., off £1 5s.; futures £75 15s., off £1 5s.; electrolytic £91, off

Spot tin £167 15s., off £2 5s.; future £162, off £1; straits £170. off £2. Sales spot 130 tons; futures

Lead £24 13s. 9d., off 2s. 6d. Spelter £96, un-

RIO COFFEE MARKET.

New York, July 19 .- Rio coffee market unchanged. Stock 324,000 bags, against 345,000 a year ago. Santos market up 50 reis, stock 843,000, against 788,000.

Port receipts 57,000, against 43,000; interior receipts 107,000, against 63,000 Rio exchanged on London 13 3-32d., up 1-32d.

FAIR AND COMPARATIVELY COOL. Local showers to-day. Tuesday, fair and compara-

tively cool. A shallow disturbance is passing eastward across

In Quebec and the Maritime Provinces the weather has been fair and warm, while in the West it has been cool with local showers.

## CANADIAN WHOLESALE PRICES DURING 1914

Department of Labor Issues its Fifth Annual Report Which is of Interest

THE AFFECT OF WAR

This at Once Caused Advances of Seven Points and Although There Was a Reaction the Effect on the Average for Year Was a Rise.

Ottawa, July 19.-The prevalence of war during a considerable part of the year 1914 lends a special interest to the report on prices just issued by the Department of Labor. The volume is the fifth annual report on the subject and known technically as 'Wholesale Price in Canada, 1914," though containing also much information as to retail prices. Prices during 1914 from week to week or from month to month, are given for some 300 commodities representative of production and consumption in Canada, divided into the following groups:-Grains and fodders, animals and meats, dairy products, fish, fruit and leathers, boots and shoes, metals and implements, fuel and lighting, lumber, miscellaneous building materials, paints, ells and glass, house furnishings, drugs and chemicals, furs, liquors, tobaccos and sundries The report includes also index numbers showing the to 1890 and analyses of changes during the year with Who knows anything about pioneer methods of detailed information as to conditions affecting prices.

The opening paragraphs of the report are as follows: "The factor which chiefly affected Canadian ints. Crucible Steel 22. General Motors 32 and the world it might be a good idea to revive some of prices during the year 1914 was the outbreak in Augtheir old recipes. This morning I was listening in a ust of the great European war. From January until sleepy way to a conversation in which a number of April the general price-level was steady with a slight women were discussing their troubles in putting up tendency upward; thereafter there was a decline of is, it can be shown that in two hours of Stock the usual supply of fruits. Owing to the high cost two points in the index number, during June and Exchange business on Friday afternoon there were of sugar many of them had decided to curtail their July, the latter being the lowest month of the year. nore than 200 separate transactions in Crucible Steel preserving operations and an air of gloom prevailed. The war, however, at once caused advances of about seven points, and though there was a reaction almost centages of the average prices prevailing during the centages of the average prices prevailing during the decade 1890-99, the period adopted by the Department everything pertaining to the pioneers is of the most as the basis of comparison. The point reached in absorbing interest to me. It also roused the ladies, September, namely, 141.3, was the highest recorded

preserve raspberries in the cheapest way
We all began to question the woman who 14 per cent., animals and meats 6 per cent., woollens girl when she got the raspberry pies and she had per cent. Raw furs declined 33 per cent, fuel and lighting 6 per cent., and cottons 5 per cent. Food prices returned to the high level that prevailed in the latter part of 1911 and early 1912. Meats were on a weakness in the last three months."

An appendix to the report gives the average retail wood and coal oil, and the rent of a representative workingman's dwelling in each of the localities of the Dominion having a population of 10,000 and over for Due each year back to 1910. A statement showing the Open .. xx5.121/4 average weekly expenditure of a typical family of five on these staple commodities gives the cost of a a budget

#### "BLACK RUST" CROP SCARE WHY IT IS TALKED ABOUT

care" has started in the Northwest, and there is so fear in the grain trade that it may become serious lat-er. It has undoubtedly put in an appearance, but it is too early for it to do serious damage. How seriou it will become later on depends upon the weather for the next forty days. Black rust is to be found in the Northwest every year, but it is only occasionally that it damages the crop seriously.

In 1904 it made its first appearance, so far as the never until that year was there much loss to the crop through rust. One of the "rust specialists" says that periods of excessive rainfall, followed by warm, mug gy weather during the days and cool nights, are fav orable for rust development and spreading. have been most serious when the crop was late and very heavy on the ground, so that the wind does not

The rust is a fungus that harbors on bushes and develops during hot days, spreading rapidly when there is a strong wind. An excess of humidity is regarded as especially favorable for its development attacks the stem of the wheat plant during the early stages of heading, which weakens the stalk and pre vents proper filling. In 1994 it turned prospects for one of the best crops known up to that date into a poor one. It cut down the estimate for the three Northwestern States 65,000,000 bushels from the July to the final return, and they raised only 154,000,000 bushels. Last year there was a reduction from 206,-000,000 to 156,000,000 bushels.

In 1904 the average temperature over the Dakotas and Minnesota was 31/2 degrees below normal, while precipitation was above normal in North Dakota, and in 1904, and September wheat advanced from 87% on that date to \$1.14 by September 14.

until CANADA WILL POSSESS

AN. UNPRECEDENTED CROP

Ottawa, July 19 .- The Acting Minister of the In terior the Hon. Martin Burrill, has received an inter esting report on the crop conditioss in the west.

Immigration Commissioner Bruce Walker at Win nipeg had one of the officials make a thorough investigation of the existing crop conditions in Sag katchewan and Alberta, and he has just returned from a 1,600-mile trip especially through the south ern territory which was drought stricken last yea: The heavy expenditures made by the Government in supplying seed grain through all these districts is amply justified by the results. that no such crop as is promised this year has ever been produced in the history of the settlement of those districts. In sections that were almost completely denuded of production through drought last year the yield at a conservative estimate promises to be 25 bushels to an acre, and in territories about which much discussion has taken place regarding their continued usefulness from a grain producing point of view there is the best prospects of an abua dant yield that we have ever had

LIVERPOOL COTTON STEADY

Liverpool, July 19.—Cotton futures opened steady 21/2 to 3 points advance. At 12.30 p.m. market steady July-Aug. Oct.-Nov. Jan.-Feb March-April. 5.421/2 Close .. x5.10 5.28 5.45

xx Monday x Saturday. At 12.30 p.m. there was good business done in spots of food at \$7.73 as compared with \$7.33 in 1913 and prices steady with middlings at 5.27d.: sales, 10,000 Meat, bread bales; spot prices at 12.45 p.m., were: American flour and sugar averaged higher in 1914 than in 191z. middlings, fair, 631d.; good middlings, 5.57d.; mid-Rent averaged \$4.65 per week as compared with \$4.75 dlings, 5.27d.; low middlings, 4.81d.; good ordinary, 4.41d; ordinary, 411d.

# **相称和特殊的特殊的**

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Edited by Roy Campbell, B.A., B.Sc.F.

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THE INDUSTRIAL & EDUCATIONAL PRESS, LIMITED 35-45 ST. ALEXANDER STREET, MONTREAL, CANADA