HINTS ON POTATO GROWING LEADING MARKETS THE PERILS OF LABOR

BREADSTUFFS.

Special Investigation by the Provincial Department of Agriculture.

The Onlario Depariment of Agriculture is a making an investigation into the polato industry of the Province by Mr. H B. Smith, B.S.A. After visiting the most important potato-growing sections of Onlario, he is preparing a special re-port for publication. Pending the free report, which will probably show a more serious state of affairs than is generally supposed, the following re-commendations are put out with a view to impressing upon farmers the necessity of immediate action. The treatment of potatoes to prevent the rot is a matter of extreme importance. "Ontario produced fewer potatoes in

"Ontario produced fewer potatoes in 1906 than she ever produced in any single year in all the time the Provin-ciel Department of Agriculture have been collecting information concerning the acreages annually devoted to farm crops. Within the past few years the area planted to potatoes in this province has decreased by 50,000 acres; the pro-duct by approximately 6,000,000 bush-els. Present indications are that the crop of 1907 will be lighter than last year's with the high prices that have ruled for some time strongly maintained. Furmers, on the right kind of soil, who have planted a good acreage to this crop this spring, will, if they are able to suc-cessfully bring their crop to maturity, reap larger returns from potatoes than they could likely derive from any line of the grane approximately the the same maner as Paris Green would be applied in solution for bugs. The object is to keep the crop covered with the mixture is solution for bugs. The object is to keep the crop covered with the mixture "Ontario produced fewer potatoes in reap larger returns from potatoes than in solution for bugs. The object is to they could likely derive from any line of farming in which they might engage, and it is to point out briefly one or two little things that in these days must be attended to, if potato growing is to be successfully accomplished, that this arlicle has been menaged article has been prepared.

article has been prepared. Inability to cope with the rot has been the great cause of failure in polato growing in Onlario, yet five dollars or even less, will cover the entire cost for even less, will cover the entire cost for material and labor required to treat one acre of polatoes with Bordeaux Mix-ture, and this mixture properly made and consistently and intelligently ap-plied is a certain preventive of rot. From experiments officially conducted at Guelph, at Ottawa, and at practically every experiment station in the United States, and from the practical experi-ence of growers everywhere, Bordeaux ber. Four applications as required, will States, and from the practical experi-ence of growers everywhere, Bordeaux Mixture has proven the only effective remedy for Potato Rot. At Ottawa dur-ing the past three years, the average in-crease in yield from spraying with this mixture was 94.5 bushels per acre. Bordeaux Mixture for potato spraying is made from the following formula --Copper subbate. (bluestone or blue at let

Is made from the following formula -Copper sulphate (bluestone or blue vilriol) 6 pounds, unslaked lime, 5 pounds, water 40 to 50 gallons. As it is inconvenient to weigh the lime and copper at the time of mixing and quile impredicibile to keep a sup-

In making the Bordeaux it is impor-

in solution for bugs. The obj keep the crop covered with the

and the vines kept covered till Septem-ber. Four applications as required, will usually accomplish this. Some have got fairly satisfactory results from one good spraying just at the time the disease begins to spread, and as we gain in spray-ing experience, the number of application may perhaps be decreased, but ordinarily, it is best to use the mixture at least four times.

Bordeaux is the only effective remedy to 17c yet devised for the control of potato 11½c; blight. It is easy to make and easy to apply, and where properly made and thoroughly applied is certain to be effec-

MARKETS.
 Section 1. Will die 1907.
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 FALING OFF IN WIFAAT ARCA.
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 A despatch information on the special and the serious injury of N. E. and anot the store on the spr

Toronto, July 2.—Call board quota-tions are :— Wheat—Ontario—No. 2 white, 91½c asked, outside, 89c bid. No. 2 red, 89c bid, outside, 69½c bid west; No. 2 mixed, 91c asked. Barlow No. 6 red bid west; No. 2 Barley—No. 2, 53c bid, 48c bid for one load, September or October shipment; io. 3 extra, 48c bid, October shipment;

No. 3, Soc bid, October shipment;
 No. 3, Soc bid.
 Peas—No. 2, 81c asked, outside.
 Oats—No. 2 white, 46c asked, outside;
 45½c asked on a 6-cent rate to Toronto;
 44½c bid.

4435c hid.
Other prices are :-Wheat-Ontario-Unchanged; No. 2
white winter, 88c to 89c; No. 2 red or
No. 2 mixed, 88c to 89c.
Wheat-Manitoba-Lake porfs, No. 1
hard, 95c; No. 1 northern, 95½c; No. 2
northern, 91c.
Oals-No. 2 white UV to the second se Oals—No. 2 white, 44% to 45%c, out-side; Manitoba, 45c to 45%c, outside. Corn—No. 2 yellow American, 60%c to

610 Barley-Nominal; No. 2, 53½c to 54½c; No. 2 extra, 51½c to 53½c. Peas-No. 2, 77½c to 78½c.

Rye-70c. Buckwheat-60c.

Flour-Ontario, 90 per cent patents, offered at \$3.55; Manitoba first patents, \$4.75; seconds, \$4.15 to \$4.20; bakers', \$4.75. Bran-\$18 to \$19.

COUNTRY PRODUCE.

Butter-Prices show no further change.

Creamery prints 20c to 22c do solids 19c to 00c Dairy, prints 17c to 18c No. 2 red, 97% c in elevator and \$1.00% f.o.b. afloat; No. 1 northern Duluth, \$1.03% f.o.b. afloat; No. 2 hard winter, \$1.021/ f.o.b. afloat. lots

Beans-\$1.50 to \$1.55 for hand-ricked

and \$1.35 to \$1.40 for primes. Potatoes—Delawarcs, \$1.30 to \$1.35, in ar lots on track here. Ontario, \$1.10 to \$1.15. Baled Hay—\$14 to \$15 for No. 1 tim-othy and \$12.50 to \$13.50 for secondary grades. Baled Straw-\$7 to \$7.25 per ton in

car lots on track here.

PROVISIONS.

Dressed Hogs—Easy at \$9.50 for light-weights, and \$8.75 to \$9 for heavies, farmers' lots.

Lard-Steady at these prices : Tierces 121/4c; tubs, 121/4c; pails, 123/4c.

No Less Than or Fatalities Reported During May.

A despatch from Otlawa says: Reports to the Labor Department show that the number of trade disputes dur-ing May was 49, an increase of twelve over the corresponding month of 1906. The loss in working days was approxi-mately 88,325 as compared with 45,675 in May of last year. The increase is in the west, and of longshoremen in Montreat. 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

in wages in nearly all lines of industry were responsible for twenty fat during the month. The number of new and thirty by them were injured.

BUFFALO MARKET.

-Spring strong; No. 1 hard, \$1.03; Win-te. firm; No. 2 white, \$1.02. Corn – Frm; No. 2 yellow, 57½c; No. 2 white, 57½c. Oats-Unsettled, weak; No. 2 white, 48½c; No. 2 mixed, 45½c. Bar-ley-Quiet; Western offered 78 to 85c. Hyre-Scarce and strong; No. 1, 91c asked e.if.

NEW YORK WHEAT MARKET.

New York, July 2 .- Wheat-Spot firm;

Extra choice sold

IT IS SIR MORTIMER.

Buffalo, July 2.-Flour-Quiet. Wheat Lieut.-Governor Among Recipients of King's Birthday Honors.

A despatch from London says: The

Baronetcy—Col. Ivor Herbert, ex-Major-General, Canada. Knighihood—Mr. Nathanial Dunlop, Chairman of the Allan Line. Order of St. Michael and St. George Grand Cross—Sir William MacGregor, Gevernor' of Newfoundland, Knight Commander — Hon. Charles

Filzpatrick.

Companions — Mr. James Stewart Pitts, Newfoundland; Captain R. H. Anstruther, Royal Navy; Mr. Alfred Duclos Decelles and Mr. Martin Joseph Griffin

Knight Bachelor — Lieut.-Governor William Mortimer Clark and M. F. C. S. Langelier and Mr. Robert Gillespie Reid (in recognition of services to Newfoundland).

Victorian Order Knight Commander-Earl Dundonald and Sir T. G. Shaughnessy.

Ivor John Herbert Bart commanded the Canadian local forces with the local rank of Major-General from 1890 to 1895. At Queen Victoria's jubilee commemoration in 1897 he was in command of the colonial troops.

CHARGED WITH MURDER.

Henry Lockyer Committed for Trial at Stratford.

A despatch from Stratford says: Henry Lockyer, who in a fight here some weeks ago struck the blow which the Coroner's jury found caused the death of Noah Hills, was brought before Police Magistrate O'Loane on Friday. Medical and other evidence, which was practi-cally the same as that given before the Coroner's inquest, was heard, and the Magistrate sent the prisoner for trial Engine-room. A despatch from Sault Ste. Marie says: The steamer Batchewana, of the Ganley Tug Line, was totally destroyed on Wed nesday night in one of the first marine disasters of the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the court is a state of the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint, fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the peint fifty miles west of the "Soo," on the Canadian side. At the peint fifty miles west of the season at Copper Mine Peint fifty miles west of the "Soo," on the Canadian side. At the peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint fifty miles west of the season at Copper Mine Peint f

STARTLING EVIDENCE.

Cook of the Crystal Stream in Fear of

moked

CATTLE MARKET. Toronto, July 2 .- Export trade continued quiet. Very few cattle were of-fering, and the demand was only mid-Quolations were casier, choice from \$5.60 to \$5.75. Medium selling from \$5.60 to \$5.75. grades are dull. Light offerings and a better demand were the features of the day's trading

in butcher cattle.

In butcher calle. Extra choice sold from \$5.25 to \$5.50. Medium quality were unchanged at \$4.50 to \$4.75. Choice cows sold from \$3.50 to \$4.15; common cows, \$3 to \$3.25.

Veal calves were quiet and unchanged

Common cows, \$3 to \$3.25. Buyers of slockers and feeder cattle reported a good demand for good qua-lity. Choice were quoted from \$3.75 to \$4; common from \$2.50 to \$3. Milch coys were dull at \$30 to \$50 for choice and \$20 to \$25 for common.

Rye—Scarce asked c.i.f.

at 3c to 6c per 1b. Export ewes were quoted from \$5 to \$5.25, and lambs from 8c to 9c per fb.

The market for hogs was easy, as a result of heavy deliveries, but no further i declines were registered. Buyers quoted selects at \$6.75, with prospects for heavy heads

Fire.

larmers' lots. Pork—Short cut, \$22.75 to \$23 per bar-rel; mess, \$21 to \$21.50. Smoked and Dry Salled Meats—Long clear bacon, 11c to 11½c for tons and cases; hams, medium and light, 15½c to 16c; heavy, 14½c to 15c; backs, 16½c to 17c; shoulders, 10½c to 11c; rolls, 11½c; out of pickle, 1c less than smoked.

A despatch from Sydney, N.S.W says: The German steamer Germanic which has arrived here, reports a hur ricane, accompanied by immense waves which swept the Caroline group. Many islands were devastated, and it is esti-mated that at least two hundred natives perished.

BREAD IN SEALED BAGS.

Direct From Baker to Consumer is Idea of Winnipeg Controller.

 direct from the baker to consumer, without handling by delivery by a controller J. We baker to see loaves of bread delivered to consumers in Win-page. He is now beinging the matter before the health authorities, and move along this line may be expected by Baker.
 A despatch from Oliawa says: The re-turns of naturalization in Canada for book have been tabulated by the Secre-tary of State's Department, and show the near future.
 Makes Discovery.
 A despatch from Oliawa says: Mr. J. Makes Discovery.
 Makes Discovery.
 A despatch from Oliawa says: Mr. J. During the year the naturalization of a flog have the sent hat and were the same the same trees are taking the oach of allegiance.
 migration of thirty to forty thousand. And since the year's residence is re whole foreign counties to the backs new Clizens from foreign coun-trees are taking the oach of allegiance.
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A despatch from St. John, N.B., says \$7.25.Chcese and Butter—Cheese experienc-
ed a decline this morning. In the but-
let market prices were unchanged.
Townships 20% c to 21c, Quebec 20% c to
20% c, Ontario 20% c to 21c, Quebec 20% c to
20% c, Ontario 20% c to 11% c, town-
ships 11% c, Quebec 11% c.the shore one mile away and beached,
her crew of fifteen men, under Capt.
They reached the "Soo" on Thursday
morning on the tug Shamrock none the
uses for the incident. The Batchewana
to 18c. The cheese market prices drop-
ped to Ontario 11% c.A despatch from St. John, N.B., says:
A sensation was caused on Wednesday
burning of the Crystal Stream, in which
morning on the tug Shamrock none the
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four men lost their lives, by the testi-
mony of Mrs. May Coleman, cook on the
steamer. She said she was in fear of
the Soo." The boat was partly in-
sured, but the Ganley Line will lose
heavily on the disaster.A despatch from St. John, N.B., says:
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geance against the Crystal Stream had
heavily on the disaster. thought Captain G. H. Perry of the steamer Aberdeen, who formerly was on the Crystal Stream, was the man meant as having threatened the steamer. Cap-tain Perry was shown this statement on the arrival of his steamer here on Wed-nesday, and he denied it strongly. He mputed a motive to Mrs. Coleman, say ing he was influential in having her dis charged from the steamer Star some years ago.

PICKPOCKET'S HADA. Thousand Dollars Stolen in Winniper

Building.

number of milch cows :

District-