MODERN PUBLIC HEALTH

(University Extension Committee of Western University.)

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A Column Devoted to Public Health in All Phases. Questions Addressed as Above Will Be Welcomed.

Dr. G. W. A. Aitken, of Shedden, Ont., calls attention to the number of cases of lockjaw (tetanus), which have occurred in this section of Ontario, and to the advisability of using Tetanus Antitoxin to prevent lockjaw in all cases of injury where street dirt, garden mold, barnyard dirt, or anything else containing animal manure may be upon the skin or may enter the wound at the time of injury.

"Stepping on a rusty nail" is the accepted way of achieving an attack of lockjaw; but the rust has, in reality, no essential action. True, rusty nails are often infected with manure from lying on the ground. But any nail, rusty or not, if driven into the foot, is likely to carry into the wound, from the boot as it passes through it, manure which may be on the boot. Where children are running barefoot, the danger that a nail will carry into the foot some street or garden dirt from the surface of the foot itself, is quite similar. I have known of a case of lockjaw where a barefoot boy ran through some rather large weeds which had been scythed off slantingly close to the ground, leaving the stumps with sharp points, which as they dried in the sun, became quite hard. The boy stepped on one of these points, driving it into his foot, on which it happened there was manure, picked up in running about the barnyard and street. But injuries of the hand likewise often result in lockjaw, if the wounds are made with something having manure on it (a pitchfork, garden fork, etc.), or where the hands are dirty with manure. Street dirt is very largely mixed with manure from horses, whence its danger.

A DANGEROUS SPOT.

Our soldiers in Europe were particularly subject to lockjaw, because of the very thoroughly manured condition of the countries through which they were operating. Every wound, however inflicted and however trivial, was subject to infection with manure, and, therefore, with lockjaw, and so many cases occurred early in the war that a rule was established to give tetanus antitoxin to every wounded soldier at once, as a regular part of the "first aid." The cases ceased abruptly when this rule became general, and only those soldiers developed lockjaw who failed for some reason to secure the antitoxin or received too little. It was found advisable to use the antitoxin again later on, if the wound required to be opened up, to remove a bullet, piece of shell, etc., as this operative work seemed to set free sometimes the germs carried in by the bullet or shell.

The tetanus bacillus, which causes lockjaw through the intense poisons which it produces when growing in a wound, is an inhabitant of the intestinal contents of horses, cattle, etc., and although it does no harm there, if it gets into a wound of horse or cow or human very often death from the horrible disease results.

A FRUITFUL SOURCE.

Fourth of July wounds in the United States have become a fruitful source of lockjaw; especially wounds of the hands, due to premature explosions of firecrackers. There has been a revival of tetanus from such wounds in the United States of late, especially on the last Fourth. Years ago their seriousness and the number of deaths brought about the suppression of large crackers, and the treatment of all Fourth of July wounds with tetanus antitoxin.

These measures so greatly reduced the number of accidents and the number of deaths that the dangers were lost sight of, and slowly the preventive measures were relaxed; so that children have again been mutilated and poisoned with tetanus in their efforts to display their loyalty.

Tetanus antitoxin is made at the Connaught Laboratories in Ontario, and supplied free through the Provincial Board of Health to all health officers in the province. Owing to the recent cases in Ontario, it is the part of wisdom to see that every wound, however made, is submitted early to a physician, and if in his judgment, tetanus may have been implanted, the proper surgical operations to clean out the wound of dead tissue and dirt, together with the use of tetanus antitoxin, should be resorted to at once. Usually about nine days intervene from the date of the wound to the date of the development of the lockjaw, but as this period is sometimes much shorter, no delay in treatment should be allowed.

MAY UNITE TO FIGHT INCREASE

Kingsville and Leamington Object To Higher Rates For Gas.

[Special To The Advertiser.]

LEAMINGTON, Sept. 3.—It begins to look as if Kingsville and Leamington may unite to fight against proposed increase in natural gas rates on the ground that the increases asked for are exorbitant. Following the demand of the Union Gas Company for increased rates the Beaver Oil and Gas Company, from which the citizens of Leamington secure their supply, is demanding higher charges. At Kingsville the increase is placed at 60 cents per 1,000 cubic feet. Kingsville owns a distributing plant, which cost $40,000 to install. This is rented to the Beaver Oil and Gas Company for $1,000 per annum. Kingsville has a contract which has six years to run.

Just what increase Leamington will be asked for is not yet known, but Vice-President Davis of the company has intimated that it would be in the neighborhood of 50 cents. This is the rate now charged tobacco growers for gas used for curing tobacco.

People in this district are much interested in what has happened at Belmont near London, where the gas supply was cut off on Wednesday and several hundred consumers left without fuel for cooking or other purposes. They are also much interested in what action the people of Belmont are going to take. If an appeal is made to the Government the people of Leamington and Kingsville may also place their case before the Legislature. Interesting developments in connection with the matter are expected.

70 YEARS IN BUSINESS.

Three score and ten years continuously in business is the record of Ye Olde Firme, Heintzman & Co., Limited, 242 Dundas street, London. This piano business was established in 1850, and today has reached dimensions that gives to the concern the largest piano factory in Canada, and a piano that has become world-wide in its reputation. b

FAIR STAFF GOING TO GROUNDS MONDAY

Western Fair office headquarters will be removed to the Administration Building at Queen's Park on Monday, to facilitate handling the enormous amount of work involved in getting buildings, exhibition spaces and the grounds in order for the big exhibition one week hence.

Although the machinery exhibits department space was increased by fully 50 per cent this year, the entries of 25 manufacturers who desired space had to be refused today. Entries for live stock close Saturday evening, for dogs on Tuesday evening, and for all other exhibits on Wednesday of next week.

Arrangements for running special trains from all principal points in Western Ontario have been made.

SPECIAL TRAIN SERVICE TORONTO EXHIBITION, VIA CANADIAN PACIFIC RAILWAY.

The Canadian Pacific Railway will operate special trains on September 6. London to Toronto and return, leaving London 6 a.m., arriving Toronto 9:55 a.m., and returning special train will leave Toronto 6:20 p.m., Parkdale 6:30 p.m., West Toronto 6:40 p.m., September 6, returning through to London.

Special trains will leave Parkdale 10:45 p.m., Monday, September 6, running through to London, train No. 635 leaving Toronto 11:40 p.m., Parkdale 11:50 p.m. daily, except Sunday.

For further particulars apply to H. J. McCallum, City Passenger Agent, or Canadian Pacific Railway Agents.

Sept. 4.

BIG DOINGS LABOR DAY

All Details for Celebration Arranged—Drawing for Parade Positions Made.

All decks are cleared for action as far as the big Labor Day celebration in London is concerned. After much hard work the Labor Day committee has arranged every detail. An exceptionally well-balanced program has been arranged and drawing for the positions of the various unions in the parade has taken place. The results of this later item of business will be announced before the event is staged. All that is needed now is for Mr. Weatherman to possess a sunny face on Monday.

WEST ELGIN FARMERS TRAVEL 150 MILES TO GET NEW IDEAS

Joint Educational and Pleasure Tour of Kent Made in Autos.

WOMEN SHARE TRIP

Banquet Held At Rondeau Park—Several Brief Addresses.

[By Staff Reporter.]

DUTTON, Sept. 3.—More than 100 farmers from West Elgin held a combined educational tour and picnic through West Elgin and Kent Counties today. The excursion was held under the auspices of the West Elgin Agricultural Board. C. W. Buchanan, government agricultural representative for Elgin County, made the plans and personally directed the tour.

The object of the excursion was to show the farmers of West Elgin how the farmers in the adjacent county operate their farms, and is an annual event, held when the sightseers can see the crops to best advantage.

The excursions prove valuable by reason of each farmer handling the farming situation from a different angle. One will find that another has learned, either by experience or through an agricultural college education, some new variety of plant or fertilizer, or that he plants his crops at a different time of the season and uses a different mode of cultivation. These facts are passed on from one to another through these educational tours, which help to make Ontario a prosperous farming district.

Want to Know.

Great interest was taken in what was explained at the farms visited. The visiting farmers asked innumerable questions and examined all the crops and machinery closely, with only one view, and that was "Will it increase my crops if I do the same." The farms visited were those noted for their fine crops and the way they were laid out.

The male members of the party, however, were not the only people interested in the excursion, and the visit to the farms. The women showed just as keen an interest in all that could be seen as the men. The increase of women attending these trips has been quite noticeable.

Interested in Tobacco.

The tobacco crops attracted the attention of the majority. Kent County is famous for its tobacco crops, and this year they excelled expectations. All the farmers were apparently well pleased with the prospects of freaping large returns for their labor.

Mr. Buchanan left here at 9:30 o'clock and picked up the members of the party as he went along, Wallacetown being the first place passed through. The excursionists then traveled down the Talbot road, which will shortly become the provinccial highway to C. E. Desmond's farm, known as Cedar Lodge. The farm is 250 acres and is well laid out. It reaches from the Talbot road to the shores of Lake Erie. Mr. Desmond does not grow any product extensively, not wanting to mine the soil. His principal crops consist of 40 acres of Wisconsin No. 7 corn, which is tall and the cobs well filled out. It is also free from rot.

Big Bean Crop.

There are 50 acres of beans, which this year are yielding a big crop. The only fear that Mr. Desmond has is that he is not sure that he can dispose of them. The present demand for beans is very slow.

A number of acres are also yielding a fine crop of tobacco. This year Mr. Desmond planted what is known as Resistent Burley. He explained that he is producing this kind because it is claimed that it is free from root rot with which so much tobacco has been affected this year. Up to the present time he has experienced no trouble with the rot and expects to have a sucessful tobacco crop.

Wants Twenty Men.

His greatest trouble is labor. He said that he could place 20 men on the farm immediately if they could be obtained. He has tried the employment offices, but cannot obtain suitable labor. He is attempting to employ some Mexicans to aid him harvesting his crops. His tobacco crop is ready now for harvesting.

The excursionists gave Mr. Desmond a hearty vote of thanks for his hospitality, and then left for Rondeau, where luncheon was served. After luncheon John Doughty, agricultural representative for Kent County, addressed the gathering on the crop conditions of Kent County, and what the prospects were for the future. He touched on the labor situation, which is very serious throughout the farming communities at the present time.

Immigrants Worth Little.

M. M. Maxwell, secretary of the chamber of commerce at Chatham spoke on the labor situation and what immigrants meant to Western Ontario. "The immigrants we are getting are worth very little. When they arrive in Canada they are picked over by men sent to the ports for that purpose, and when they come to Toronto they again are picked over, so that when the remainder arrive in Western Ontario they are not the kind that are capable of work on farms. What the farmers of Ontario need to do is to organize and send a representative from each county to pick immigrants that are fit to work on the farms. This is about the only way that the labor shortage can be solved."

Mr. Pickard, U. F. O. organizer for Kent County, spoke on the Government park Rondeau. The park is a natural reservation and covers 6,000 acres. There are nearly 600 deer on the place.

Traveled 150 Miles.

After the speeches and an inspection of the park the excursionists visited W. W. Scott's farm at Highgate. Mr. Scott has one of the finest shorthorn herds of cattle in Western Ontario. He breeds them exclusively. The party became very interested in the cattle. Mr. Scott conducted the tour around his farm, and pointed out the fine points in the cattle. He has at present about 35 head.

It was the intention before concluding the trip to make an inspection of the Highate Canning Factory, but owing to the factory being closed, the visit had to be postponed.

The tourists left for home about 6 o'clock after traversing about 150 miles during the day.

THE DUB.

Their love is now a turned-down page,
'Tis finished—close the lid.
She bantered him to guess her age,
And he did, the chump! He did!

WOMEN'S MISSIONARY SOCIETIES HAVE VERY SUCCESSFUL YEAR

Annual Convention of Ridgetown District Attended by Large Crowd.

WARDSVILLE, Sept. 2. — The Woman's Missionary Societies of the Ridgetown district of the Methodist Church held their annual convention in the local Methodist Church yesterday, with a morning and afternoon session. There was a gathering which taxed the capacity of the church to its utmost.

Delegates were present from Botany, Bothwell, Cashmere, Dutton, Glencoe, Highgate, Lees, Morpeth, Palmyra, Ridgetown, Thamesville, West Lorne, and the local society. In the district there are 440 annual and 96 life members. During the past year $2,235.69 were raised for missionary purposes. There are three mission circles, with 44 annual and 25 life members, and 8 mission bands, with 216 annual and 16 life members. These two organizations contributed over $350 for missions.

Among those taking part in the program were Mrs. Herbert of Thamesville, Mrs. Stone of Highgate, Mrs. H. McCutcheon of Glencoe, Mrs. (Rev.) Hiser of Morpeth, Mrs. Crichton of Highgate, Miss C. Pearson of Thamesville, Mrs. F. McLearn of Highgate, Mrs. Brimson and Mrs. A. Douglas of Wardsville; Mrs. Jefferies and Mrs. A. Halstead of Ridgetown; Mrs. J. W. Reycraft of Lees, Mrs. McKerracher of Botany, Mrs. Bradley of Bothwell, Mrs. J. A. Snell of Dutton.

The district superintendent presided, and was re-elected by 85 votes out of a possible 91. Mrs. (Rev.) G. J. Kerr of Bothwell was elected secretary-treasurer.

Miss L. Sherritt, recently returned from China, who has had charge of a normal school in Chentu, West China, gave a most illuminating account of China's condition, and of the work that is being done there by the Protestant churches. At the close of the program Mrs. (Rev. Dr.) Husser gave a very heart-searching address on "Consecration," which was a fitting culmination to one of the best conventions in the history of the district.

Dinner and tea were served by the local ladies in the town hall. On invitation the next convention will be held in West Lorne in September, 1921.

BLENHEIM

BLENHEIM, Sept. 3.—There is a feeling of much satisfaction here at the news received to the effect that the new fire engine and equipment ordered from Woodstock is on the way. Chief Engineer C. W. Lowes has gone to Woodstock to fetch it. The engine is a combination chemical and pumping outfit, mounted an a 60-horse-power chassis, and is said to be strictly modern in every respect. The town has been short of efficient fire-fighting apparatus for several months past, but fortunately has escaped without a fire.

The directors of the Harwich Agricultural Society are out with a good program for the race men for their fair day on October 8. Not only will they have a farmers' race for a purse of $150 and with no entry fee, but there will also be $200 hung up for a 2:35 pace and $75 for a free running race.

BOTHWELL

BOTHWELL, Sept. 3.—The B. Y. P. U. of the Baptist Church held a social evening at the home of Wm. Pope on Wednesday night. A jolly time was spent in games. During the evening Misses Helena Young and Ardath Pope were showered with handkerchiefs, prior to their departure to the London Normal. A buffet lunch was served, and the gay company broke up at midnight.

ARVA

ARVA, Sept. 3.—The monthly meeting of the W. M. S. and Mission Circle was held on Thursday afternoon at the home of Mrs. Westlake. About thirty ladies enjoyed the hospitality of the hostess, and arrangements were made for the anniversary services, which will be held on September 12.

The scarcity of carpenters is much felt here, and at least two barns have not been finished in time for the season's crop.

The wheat crop in this vicinity is the best in years, averaging from 30 to 40 bushels per acre. The spring grains are also good.

Division court will be held here on September 16.

CENTRALIA

CENTRALIA, Sept. 3.—Everything is now complete and ready to begin operating at Willard & Sons' new flax mill, and the buildings are all filled to the roof with flax.

A carload of live hogs was shipped from here today at $19.50 per hundred, which is 50 cents more than last week.

WOULD INCREASE LIVESTOCK RAISING

CHICAGO, Sept. 3.—Representatives of the Chicago packers today sent letters to stock-raisers, railroad officials and bankers of the middle west and far west, asking them to attend a conference here on September 10, to discuss plans for financing increased production of livestock.

The Designer for September is here. Subscribers kindly call for copy.

SMALLMAN & INGRAM LIMITED

The September Victor Records are now on sale. Third Floor. "A pleasure to play them for you."

Monday--Labor Day--Store Closed

Preparation For the Autumn Opening

Has been under careful study for some months from sources which at once dispose of any question concerning its success.

THE NEW MODES IN MILLINERY.

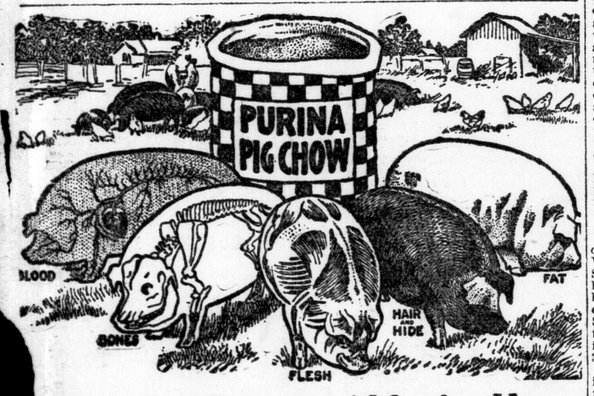
LADIES' READY-TO-WEAR, SUITS, COATS, DRESSES, FURS, FABRICS IN WOOLS, SILKS as well as a great variety of accessories in LACES, RIBBONS and BANDINGS, will be presented for the approval of the ladies of London and vicinity, COMMENCING ON WEDNESDAY NEXT.

Watch the Daily Papers Monday and Tuesday For Further Announcements

The New Fall and Winter Catalogue is out. If you live out of London and have not received one, kindly mail your name at once.

SMALLMAN & INGRAM LIMITED

Store Hours: Open at 9 a.m. Close 5:30 p.m. daily.



Puts the Gain on ALL the Hog

All-round dvelopment is what the hog feeder wants, insuring higher grade pork as well as higher finish.

Purina Pig Chow is a scientific balance of concentrates for making bone, flesh, blood and fat. It develops and fattens pigs simultaneously, and brings hogs up to a maximum weight in record time. One feeder last year cancelled a car of Purina Pig Chow because this feed finished out his herd a month earlier than he expected.

Purina Pig Chow contains Hominy Meal, Digester Tankage, Blackstrap Molasses, Ground Barley, Corn Gluten Meal, Cracked Corn, Linseed Oil Meal, and Alfalfa Flour, with a trace of charcoal and salt.

Compared with corn, barley, shorts, hominy or similar ingredients by weight, Purina Pig Chow will produce 100 lbs. of live hog with one-third to one-half less feed. Fed individually or in combination with other feeds, Purina Pig Chow will produce 25 to 50 per cent more weight.

Messrs. RIGNEY BROS.

LONDON, ONT.

"THERE'S A PURINA FEED FOR EVERY NEED."

Keep a Picture Story

of the good times on your vacation. Picture taking the Kodak way is simple, interesting and not expensive.

Inspection invited of our complete line without obligation.

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Now-Jus' Supposin'

You pass up the many advantages of August Sale prices. You have now only tonight to do it, as the store remains open till 10 o'clock tonight. Ten per cent off to Club Plan purchasers, 20 per cent off to those paying cash. Extra staff of salesmen today. Just say, "I wish to purchase it on the Club Plan." No dues, interest or other charges. If you let this opportunity slip your neighbor won't. You'll—well it's your own fault, because we've told you all about it for the past five weeks. Ends tonight.

August Sale Ends Tonight

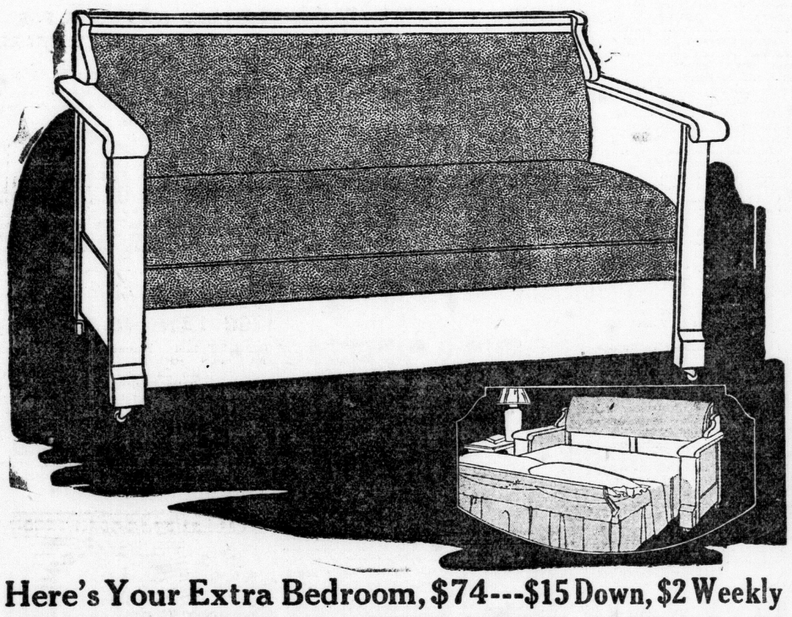
SIMMONS SPECIAL

All-Felt Mattress $1

down; $2 weekly.

Roll edge, art ticking, layer felt $15

Just tell the salesman you wish to pay only $1, and he'll make out a club account for you.



August Sale Ends Tonight

SIMMONS LINK

Fabric Springs $1

down; $2 weekly.

All-steel, perfectly sanitary.

Any White Enamel Bed, $1 down.

BRASS BED OUTFIT

$43.60

Pay only $10 down, $2 weekly.

Secure Them Today.

Here's Your Extra Bedroom, $74---$15 Down, $2 Weekly

COMPLETE WITH SPRINGS AND MATTRESS, FUMED OR GOLDEN OAK. SEE SPECIAL DEMONSTRATION TODAY.

What Is Your Decision? Pay Regular Prices Next Week---Or Purchase at a Saving Today---Tonight

HERE'S A FEW OF THE VALUES THAT SHOULD BRING YOU DOWNTOWN RIGHT NOW

30% Off All Walnut Dining Suites — 20% to Club Plan purchasers. This ends tonight.

20% Off All Furniture — 10% to Club Plan purchasers. This ends tonight.

20% Of All Rugs — 10% to Club Plan purchasers. This ends tonight.

20% Of All Chesterfields — 10% to Club Plan purchasers. This ends tonight.

Everything Marked in Plain Figures at Regular Prices—*At Thomas'*

You need new bedding now.

THOMAS FURNITURE CO

240 DUNDAS STREET.

Your neighbor purchased yesterday.

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