

Items and Articles of Special Interest to Our Farmers

Why the Farmers of Canada are Losing \$15,000,000 per Annum

The importance of treating seed wheat and oats for smut cannot be over-emphasized for a loss of \$15,000,000 per annum from smut was the estimate of J. H. Grisdale, Director-General of the Experimental Farms for Canada.

Seed treated with Formaldehyde should be sown as soon as it is fit to go through the drill, then there is no danger of re-infection from spores of other grains, and the freshly treated grain carries the disinfectant into the soil where it prevents other parasites from attacking the plant.

Many farmers are now using a grain pickling machine, and get satisfactory results, while others favor the dipping or spraying method, as follows:

Dipping in a Formaldehyde Solution

Mix one pound of Formaldehyde in thirty-six (36) gallons of water. Place the seed to be treated in a coarse sack. Fill the sack about three-quarters full, and immerse in the Formaldehyde solution for twenty minutes. During the treatment raise the sack up and down several times in the solution to insure wetting every grain that it contains.

After treating, spread the grain out thinly on a clean floor or canvas where it can be stirred and allowed to dry sufficiently to be sown. Several treatments may be made with the same solution, each will require twenty minutes immersion.

Sprinkling With a Formaldehyde Solution

Mix one pound of Formaldehyde with thirty-six (36) gallons of water. Place the grain to be treated in a heap on a clean canvas or floor. Sprinkle the Formaldehyde solution over the grain, then shovel the grain over into another pile so as to mix it thoroughly, then sprinkle and shovel again. Repeat this until every grain is moistened by the solution, then cover the pile with sacking and leave for three or four hours. At the end of this time spread the grain out thinly to dry, shoveling it over three or four times will hasten drying.

One gallon of the solution is sufficient to treat one bushel of grain. Care must be taken to see that smutted grain is not reinfected with smut spores. Sacks, bins, implements, etc. used in handling smutted grain must also be disinfected. The sacks should be dipped in a strong solution of Formaldehyde (one pound to ten gallons). The floor on which the grain is spread out to dry should first be scrubbed with a strong solution of Formaldehyde.

If seed wheat to be treated contains bunt balls (smut balls) they must be removed before treating the grain. This can be done with a fanning mill or by placing the grain, about a bushel at a time, in a tub of water, and stirring it thoroughly. The smut balls, being light, will rise to the surface, and can be skimmed off.

It is important that the purchaser secure a guaranteed solution of full strength (40%) Formaldehyde.

Formaldehyde will not prevent loose smut of wheat or loose smut of barley, but is the easiest, safest,

and most effective disinfectant for the prevention of Stinking Smut, of Wheat, Loose Smut of Oats, and Covered Smut of Barley.

WORLD'S WHEAT FACTS

Significant facts on the wheat supply are given by the Reference Hand Book of Food Statistics, just issued by the United States Food Administration.

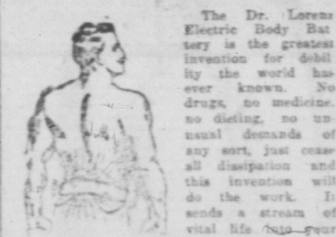
In the three years preceding the war, the average excess of exports over imports of wheat and wheat flour from the principal countries was as follows: Russia, 122 million bushels; United States, 113 million; Canada, 110 million; Argentina, 100 million. Other countries coming in with smaller amounts are: British India, 58 million; Rumania, 53 million; Australia, 52 million. Other exporting countries export trifling amounts.

Turkey's entrance into the war and the closing of the Dardanelles stopped exports from Russia. In 1915 Russia's exports fell from 122 million to 3 million. The exports from Rumania fell from the pre-war average of 53 million to 19 million in 1916. The cutting off of the Russian and Rumanian supplies alone would have tended to produce a wheat shortage in Southern and Western Europe to which these exports went mainly.

THE FLU AMONG ANIMALS

Reports have come from Alberta recently to the effect that influenza has put in an appearance amongst some live stock on the farms. A number of farmers have reported the disease or one which is akin to it among their horses and some animals have been shot to prevent the infection spreading.

Men, When in Chicago Come and see for Yourself



The Dr. Lorenz Electric Body Battery is the greatest invention for health by the world has ever known. No drugs, no medicine, no dieting, no unusual demands of any sort, just ease all dissipation and this invention will do the work. It sends a stream of vital life force over nerves, organs and muscles.

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made the recommendation because of the extensive interference with the work at the head office occasioned by the influenza epidemic. It was reported at the time that fully one-third of the staff was off duty from this cause.

The board decided by unanimous vote, to press upon the Saskatchewan Government, the demand of last year's convention dealing with the foreign language question in our public schools.

Director Thomas Sales and secretary Musselman were appointed official delegates to represent the association at the conventions in Manitoba and Alberta respectively.

President J. A. Mahood reported that he had been appointed, on the recommendation of the Canadian Council of Agriculture, to go to Europe as a member of the Canadian Trade Mission, and that these duties would very likely make it impossible for him to be in attendance at the annual convention. Vice-president A. G. Hawkes will, therefore, in all probability, be the acting president during the meeting.

THE SINGLE TAX

"I see where some of the West-States figure on making bachelors pay a state tax of \$500 a year," said the benedict.

"Hub!" commented the bachelor. "That's nothing new. Henry George tried to get the single tax scheme over 30 years ago, and he failed."

Senator Hiram Johnson of California, during a recent speech, said: "We have paid the price of private ownership in millions of acres of our best farm land. We've paid the price in our forests, in our coal deposits, our lands gushing with oil. We've paid the price in building up over night fabulous fortunes, used for the undoing of the state. We've paid the price in handicapping our people, in distorting our public and our private economy, in corrupting our political life, and in tainting the very fountainhead of justice. We've paid the price of private ownership in the nation and, no matter what may be the attitude of any of us to-day, despite barriers or obstacles, the nation is marching straight to the goal of public ownership and the people will at last come into their own."

SANTAL MIDY
COST OF PRIVATE OWNERSHIP

The board discussed the revised Farmers' Platform thoroughly and dispassionately, clause by clause, and adopted same without a dissenting vote. They also instructed the secretary to urge all our locals and members to thoroughly examine each of the clauses, to that all delegates may come to the big February convention prepared to deal intelligently with them.

HIGH COST OF LIVING

"Isn't it terrible the way the cost of living is going up," said Mrs. Goldbags as she raised her \$125,000 diamond necklace so she could powder her neck.

"It is simply awful," agreed Mrs. Millions, as she tossed her \$1,600 fur coat into an \$800 in-laid table. "I went shopping for a toy dog yesterday, and do you know, I had to pay \$1,200 for a Japanese Spaniel! And before the war I only had to pay \$80 for a Japanese Spaniel. Why, it's simply criminal the way prices have increased."

"It certainly is," agreed Mrs. Goldbags.

Exanthematic Remedy
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Church News

ST. MARY'S CHURCH, REGINA.

7 a.m. mass; 8 a.m. mass and communion; 9 a.m. mass for children; 10:30 a.m. high-mass and sermon; 3:30 p.m. catechism for children, and blessing; 7:30 p.m. sermon for adults and sacramental benediction. Fridays 7:30 p.m. Divine service and sacramental benediction. Daily 8:15 a.m. quiet mass.

TRINITY EVANGELICAL LUTHERAN CHURCH.

Rev. J. Fritz, pastor. Phone 2791. Divine services, every Sunday 10:30 a.m. and 7:30 p.m. Sunday school 2 p.m. Ladies' Aid every first Wednesday in the month.

EV-LUTH GRACE CHURCH, Regina.

Rev. E. Hermann, 1747 Winnipeg St. Divine services, every Sunday 10:30 a.m. and 7:30 p.m. at the Ev-Luth. Grace Church, Winnipeg St., between 11th and 12. Ave. 1:30 p.m. Sunday school. Every Saturday 9:30 a.m. German parish school at the rectory, where also on Saturday at 2 p.m. the candidates for confirmation will receive instruction. Everybody is invited to attend the services and to send the children to Sunday and parish school.

OHIO SYNOD.

Where districts are without religious services, the undersigned will be only too glad to hold such. Kindly write to the following address: Rev. G. F. Back, Ev-Luth. travelling preacher of the Ohio Synode, Holdfast, Sask.

SOUTHEY PAROCHIE, MISSOURI

(Immanuel Parish, Southey) Divine services every Sunday 10:30 a.m. and 2:30 p.m. alternately.

ZIONS PARISH

(11 miles northwest of Regina) Divine services every Sunday at 10:30 a.m. and 2:30 p.m. alternately. Everybody is cordially invited. Parish school will be open at Southey from September 1 to July 1. Every child is welcome.

HAGUE, SASK.

I shall, if it is God's will, hold services at the Methodist church at Hague every second Sunday in the month at 3:30 p.m. Everybody is cordially invited.

GERMAN BAPTISTS

Divine services at Southey, Sask., at 10 a.m. in the country, and 2:30 p.m. in town. Our doors are open for every body.

EV-LUTH CHRIST CHURCH,

Eastern Division. Divine services Sundays 11 a.m. and 7 p.m. Sunday school 10 a.m. Ladies' Aid every fortnight Wednesday 2:30 p.m.

GENERAL COUNCIL.

Rev. H. Becker, mission superintendent and travelling preacher of the General Council is willing to follow the call of the religiously non-supplied Lutheran churches in Manitoba, Saskatchewan and Alberta. Address: 342 Bepi Avenue, Winnipeg, Man.

MARIENFELD CATHOLIC CHURCH

Services will be held at the Catholic church in Marienfeld, every Sunday at 10 a.m. and 7 p.m. On all other Sundays joyful services.

OXBOW (Moctana Synod).

Next Oxbow, Sask. (Moctana Synod) Divine services every third Sunday in the month at 1 p.m., fast time.

EV-LUTH TRINITY CHURCH

at Curt Hill, Sask. Divine services will be held every Sunday at 10:30 a.m., fast time. Services suspended every third Sunday in the month.

NEUDORF PARISH (Ohio Synod).

The following divine services will be held: Christ Parish (town) every Sunday at 1:30 p.m. Every second Sunday in the month at 3 p.m., fast time.

EV-LUTH TRINITY PARISH AT SASKATOON (General Council).

Divine services every Sunday at 11 a.m. at the new church, Avenue J, between 10th and 20th Street.

PAROCHY DAVIN-KRONAU (General Council).

Divine services will be held at Davin and Kronau alternately every Sunday at 10:30 a.m. Sunday school at 10 a.m. Saturday school within the parish in which the service will be held on Sunday.

EV-LUTH TRINITY PARISH, Rosthern (Ohio Synod).

Divine services Sunday at 10 a.m. and Sunday school; main service 11 a.m., night service 7 p.m. Wednesdays 7 p.m. Bible class. Young Peoples' Society every second Friday in the month at 8 p.m.

EV-LUTH MARCUS PARISH, Haultain, Sask.

Divine services every third Sunday in the month at 11 a.m. Everybody is cordially invited.

EVANGELIC SOCIETY, EDMONTON, Alberta.

Church corner 94th St. and 113th Ave. Rev. J. S. Dalm, 11410 95th St. Divine services every Sunday at 10 a.m. and 7:30 p.m. Sunday school every Sunday at 11 a.m. Young Peoples' Society and prayer meeting every Thursday at 7:30 p.m. Courses in reading writing, catechism and bible stories every Sunday at 1:30 p.m. at the basement of the church. Every German is cordially invited. Church is free of debt.

FIRST GERMAN BAPTIST CHURCH

Edmonton, Alta. Church: corner 106 A Ave. and 96th St. Chas. F. Zammach, preacher. 11305-92nd St., Phone 71161.

Servises Sundays 10 a.m. Sunday school, 11:30 a.m. sermon, 7:30 p.m. also sermon. Wednesdays 8 p.m. prayer meeting. Fridays 8 p.m. choir training. Every first and third Tuesday in the month at 8 p.m. meeting of the Young Peoples' Society. Every second and fourth Tuesday of the month in the evening teachers' meeting. Every first Friday in the month at 2:30 p.m. sisters' meeting. A hearty welcome to

To the Farmers of Western Canada

There is considerable loss of grade grain throughout the West this year and farmers who have the class of grain as well as those who have oats, barley or flax to ship should bear in mind that it will be to their advantage to ship to us as our long experience in the grain business and special connections enable us to get for the shipper the very highest possible price for his grain and the best premiums that are being paid. Grain can also be sold on sample and, if the shipper wishes, we are well equipped to handle it in this way.

While we are not infallible, we feel that we are in a position to give our customers the best advice as to when to sell and all their grain will be wanted, and wanted badly this year, therefore don't sell on street but ship your own grain.

Do not let the fact of your having to load through an elevator stop you from shipping to us. The Grain Act distinctly states that the Elevator Companies must ship grain to whom they are ordered. (See Grain Act Sec. 140).

McBEAN BROS.
GRAIN EXCHANGE, WINNIPEG 25th September, 1918

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Phone 2952

HEREFORD CATTLE BRING HIGH PRICES

GUELPH, Ont. — The first sale of cattle under the Hereford breeders' association was held a few days ago in the Winter Fair buildings. In spite of a heavy storm, there was an exceptionally large number of persons present, and the sale was a great success. Over fifty animals were offered for sale. The sales totalled \$16,055. The average price was \$350, which was considered excellent.

L. C. Clifford, of Oshawa, one of the best known breeders of Hereford cattle in the Dominion, paid the top price of the sale, \$860 for Lorna Fairfax, a four-year-old heifer, bred by W. T. McCrary, of Kentland, Indiana, and consigned by James Page, of Wallaceown; Duncan Warner, of Garden Valley, paid \$700 for "Peggy," a three-year-old heifer from the herd of John Black and Sons, Amaranth.

HURRICANE BLOWING

CUTTING, Nfld. — A south-east hurricane, blowing 95 miles an hour and accompanied by a tidal wave, swept the west coast of Newfoundland, causing heavy losses.

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Safe, Comfortable Travel on the World's Greatest Highway

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Tickets sold during December are good for 60 days. Extensions will be granted by a payment of \$5.00 for each extra fifteen days.

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O, how beautiful!

Stereoscope with two big lenses (enlarging), fine polish	\$1.00
24 colored views from the European World War	50c
24 colored views from the Russo-Serbian War	50c
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24 colored cards: Journey through Germany	50c
24 colored cards: Journey through England and France	50c
24 colored cards: Life of Jesus	50c
24 colored cards: French Cook and Java Scenes	50c
Every picture shown in natural size.	50c
All together \$5.00; now sold for	\$4.00

F. DOJACEK
850 Main Street. WINNIPEG, MAN.

MEDICINE HAT, ALTA.

Where parishes have no religious services, the undersigned is gladly willing to attend to their religious needs. Kindly apply to Rev. R. Arnsdorf, 927 Elm St., Medicine Hat, Alta. Travelling preacher of the Ohio Synod for Alberta.

MISSOURI SYNOD.

Travelling preacher of the Missouri Synod for Alberta and the northern part of British Columbia. J. H. Meyer, 9608 110th Avenue, Edmonton, Alta. is always willing to attend to religious needs of the non-supplied when requested.

Children Cry FOR FLETCHER'S CASSETTES

Rev. H. M. Herms

OUR ORGANISED GRAIN GROWERS

Articles and items under this heading are edited by officials at the Central office of the "Sask. Grain Growers' Ass'n." "The Courier" gladly gives publicity to these articles, as this paper always has been and still is a strong believer in the cause of the organized farmers of the west.

Grain Growers' Directors Endorse Platform

Rev. J. C. Armstrong of Superior, Minn., says: "Labor Unionism is justified by its accomplishments. It has elevated the workingman's standard of living, has given him higher wages, more leisure, better working conditions, increased his efficiency, diminished accidents, averted disease, has kept the children in school and raised the moral tone of the home. It is unbefitting for a non-unionist, after reaping all its benefits with union labor, to denounce it."

What is true of Labor Unions is also true of farmers' organizations. While it may be true that few farmers have failed to recognize the direct and indirect benefits which have accrued to them individually as well as collectively from the agitation of the last eighteen years, there are not a few members of the organization, whose loyalty to their Association is of a questionable variety. Too many use the Association so long as it offers them advantages which they are unable to secure elsewhere; but ignore it immediately the opportunity offers of saving a quarter by patronizing others whose prices have been reduced, to meet the competition of the farmer's own Association. Numerous cases of this kind could be mentioned; but for the present it is to be hoped "that a nod is as good as a wink to a blind horse."

OMISSION AND COMMISSION

Lots of Cities have the Omission Form of Government.

A full meeting of the Board of Directors was held at the Central Office, Regina, on December 12th and 13th, Messrs. Penny of No. 7, Davies of No. 11 and Burton of No. 14 being absent from unavoidable causes.

The meeting proved one of the most earnest and interesting that the Secretary has ever had the privilege of attending. The general management of the affairs of the association are entrusted by the board to the Central Executive, which has wide powers under the constitution, the full board, which consists of twenty-three members, not finding it possible to meet with any frequency. There was, therefore, a very large number of matters claiming its attention.

One of the most important matters brought before the Board concerned two recent decisions by the Supreme Court of Canada in connection with two cases between farmers and implement companies, which the association's legal bureau had been conducting. The importance of these decisions lies in the facts that they establish that an implement company, having sold an engine stated to be of a certain horse power, can be held liable if such engine fails to develop its rated power, and also that the term of notice fixed in the Saskatchewan legal form of implement sale agreement, which requires a purchaser to give notice of rejection within ten days of receipt of the engine, does not apply to the question of