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FARMERS' COLUMN.

Seed Growers Organize In to an Association.

BENEFITS OF SEED SELECTION.

Improvement in Farm Crops.

Department of Agriculture,
Ottawa, June 30, 1904.

A meeting that promises to have a far-reaching effect on the production of farm crops in Canada, was held in Ottawa on the 15th and 16th of June. This was the organization meeting of the Canadian Seed Growers' Association, the chief aim of which is to encourage the production and general use of seed of superior quality for farm crops. Experience has shown that in all kinds of farm crops the yield per acre may be materially increased and the quality substantially improved by the use of seed which has been graded up by careful growing and systematic, intelligent selection, continued from year to year. Vigour of growth and productiveness in individual plants are transmitted through their seeds to the succeeding crop quite as surely as any desirable characteristics are transmitted to animals from their ancestors.

Pedigreed Grass.—With the above fact in view the newly-formed association, which will immediately apply for Dominion incorporation, drafted a constitution to regulate the growing, selecting and improving of farm seeds by its members, and providing for keeping records of the history of seeds, fixing standards and issuing certificates of registration for hand-selected seed. For the present the operations of the association will be confined to wheat, oats, barley, maize, peas, beans, flax, millet and potatoes. Each operating member will be required to conduct annually a hand-selected seed plot of not less than one-quarter acre, and must keep a record in writing of each year's operations. District superintendents will supervise and aid the work of the members.

Some results of seed selection.—In France and in Germany sugar beets now produce twice as many pounds of sugar per acre—twice as many pounds of refined sugar per acre—as they did before the improvement of the sugar beet was undertaken in a systematic manner; that is with the same soil, the same climate, and the same kind of fertilizer. That work was begun by Vilmoren of Paris, three generations ago; his grandson is at the head of the business now.

Some seven years ago the Illinois experiment station undertook to improve the quality of Indian corn in this way. They had analyses made of the very best corn they could find for a high per centage of protein. They found the good corn contained about 9 per cent. of protein. Then they planted rows from the ears having the highest percentage of protein and after six years' careful selection they had some corn that showed an average of over 15 per cent. protein, or 2 per cent. higher than that of wheat. This is an amazing achievement for this continent; for if we have Indian corn richer in protein than wheat it will be an immense benefit and advantage in the feeding of cattle, the production of bacon, and even in the nourishment of human beings from the cereal district.

The Minnesota experiment station has had a similar experience with flax, for in six years' selection they have effected an increase of 20 per cent. in the length of fibre and in the yield of seed of the flax plant.

Canadian Results and Possibilities.—As it is generally known the Macdonald-Robertson Seed Growers' Association, which is superseded by the new organization, was an outgrowth of a competition for prizes aggregating \$10,000 that were given by Sir Wm. Macdonald to school boys and girls operating seed plots and selecting the best heads of wheat and oats during the years 1900, 1901 and 1902. This competition was conducted under the supervision of Prof. Robertson, hence the name of the original association. In the case of the crops grown by the boys and girls the increase was 18 per cent. in the number of grains in the 100 selected heads of spring wheat, and 28 per cent. in the weight of grains in the 100 heads. Similar increases were obtained with oats. Ninety-two per cent. of the reports said that the quarter-acre plots carried crops decidedly more vigorous and heavy than crops from the same varieties of grain shown on the same farm in the same season from unselected seed.

An increase of even 20 per cent. in the total yield of Canadian crops would mean the addition of millions

of dollars to the wealth of the country. Another great possibility is found in coaction with the improvement which may be made in quality. Take wheat for instance. From September 1st, 1902, to March 31st, 1904, the government inspection of wheat in Western Canada showed 497,000 bushels of No. 1 hard; 5,108,000 bushels of No. 1 Northern, and 7,639,000 bushels of No. 2 Northern. A very large proportion of the two latter grades would grade No. 1 hard, were it not for the admixture of other grades and other varieties of wheat. Here is an unlimited field for the application of the principle of seed selection.

The executive council of the new association is composed of the president, Prof. Jas. W. Robertson, the Secretary, Mr. G. H. Clarke, chief of the seed division, Ottawa, and five directors, Messrs. C. C. James, G. A. Gigault, C. A. Zavitz, J. H. Grisdale and W. H. Davidson. Fifteen additional members representing each province and the territories, complete the board of directors.

FOOLS USE WASHES AND SNUFFS.

Thinking perhaps that they will cure catarrh—but no one ever heard of a genuine cure following such senseless treatments. There is just one prompt and thorough cure for catarrh, and it is fragrant healing Catarrhzone, which goes right to the root of the trouble. It destroys the germs, heals the inflamed membranes and cures any case no matter how obstinate or long standing. "I experimented for years with catarrh cures but found Catarrhzone the most rational and satisfactory," writes W. J. MacEachern of Waterville. "It cured me for all time." For a sure cure use only Catarrhzone. Complete outfit, \$1.00; trial size 25c.

Gibson News.

(By our own reporter.)

July 4.—Mrs Brown has recently had her residence painted, and it certainly adds beauty to the appearance of the premises. Mr. Henry Davenport did the work, and the workmanship is a credit to that popular and esteemed young man, who is doing a rushing business. Mr. Davenport also painted the residence of Mr. Henry Rideout and his skill as a decorator is unsurpassed.

Mr. Thomas Stickle, who was recently burnt out, has already erected a dwelling on the old premises. It is a two storey building with cellar, and will likely be ready for occupancy this summer.

The Methodists are to hold a strawberry festival on the 14th inst., in aid of the new parsonage. A good time is promised to all who attend.

Mr. Frederick Pond started his merry-go-round last Saturday evening and did a rushing business. This pastime continues to be very popular.

Mr R M Bailey is having a large barn built on the site of a former one, which was burned last winter.

Mr and Mrs Alex Brogan of Marysville spent part of Sunday with friends in Gibson.

Mr. and Mrs. Joseph Starkey and their daughter spent Sunday in Gibson, the guest of their friend, Miss Lillian Flowers.

Mr. and Mrs. William Foss and family of Marysville, spent the Sabbath with friends in Gibson.

At the Baptist church last evening the pastor Rev. W. R. Robinson preached from Luke XI.10 and XV.6. "For every one that asketh receiveth", "And when he cometh home he calleth together his friends," etc etc.

In late years men have made fortunes out of the tailings of gold mines. The mills in which the ore formerly was crushed and the crude processes then in use allowed a large percentage of the precious metal to escape, and that loss amounted in some cases to a fortune. The stomach is just like a stamp mill in this respect, that when it is not in perfect order it allows the escape and waste of much of the precious nutriment contained in the food. That loss when continuous means the loss of man's greatest fortune—health. Science offers a remedy for this condition in Dr. Pierce's Golden Medical Discovery. It corrects the "weakness" of the stomach, prevents waste and loss of nourishment, and puts the stomach and organs of digestion and nutrition into a condition of health which enables them to save and assimilate all the nutriment contained in the food which is eaten. In all cases of constipation the use of Dr. Pierce's Pleasant Pellets will speedily and permanently cure the disease.

Lever's Y-Z (Wise Head) Disinfectant Soap Powder is a boon to any home. It disinfects and cleans at the same time.

GRAHAM—GOULD.

Nuptials of Popular North Lake Couple.

On Wednesday afternoon, June 22nd, at 2.30 o'clock Union Church in the Parish of North Lake, York Co., was filled to overflowing with relatives and friends who had assembled to witness the marriage of Addie, youngest daughter of Joseph L. Gould of North Lake, to Clarence Graham of the same place. The church was neatly decorated with garlands and flowers were tastefully arranged on the platform. Miss Chrissie Kennedy played the wedding march while the contracting parties took their places under a beautiful floral bell. The bridegroom was supported by Clarence Gould, brother of the bride, and Miss Beatrice Gould of Forest City, Me., acted as bridesmaid.

The marriage was performed by Rev. W. J. Fowler, M. A., B. A., of Kirkland. The bride was beautifully apparelled in a dress of gloria silk of biscuit shade trimmed with applique and white lace and turquoise blue velvet ribbon. She wore a white hat trimmed with white taffeta silk and adorned with a beautiful white plume.

The bridesmaid wore a dress of blue melina trimmed with white lace and a white hat trimmed with flowers and ribbon.

After the marriage ceremony the company repaired to the home of the bride's parents where the bride and groom received the good wishes and hearty congratulations of their many friends.

Afterwards about one hundred and seventy-five guests sat down to the tables loaded with good things and partook of the sumptuous repast which had been provided. A very enjoyable time was spent.

The bride was the recipient of a large number of beautiful and useful presents, as follows:

Mr and Mrs James Smith, counterpane.
" Joseph L Gould, blankets.
" Thomas Graham, silver set.
" Geo Gould, quilt, towels.
" Wm Gould, counterpane.
" John Smith, set pitchers.
" William Varvey, glass set.
" W Cunningham, tablecover.
" Hubert Clark, hall lamp.
" John Foster 1/2 doz tumblers.
" H Graham, 1/2 doz napkins.
" Charles Gould, water set.
" John Cunningham, counterpane.

Mr and Mrs Thomas Cunningham, counterpane.

Mr and Mrs Richard Graham, teapot, pepper and salt dishes.

Mr and Mrs Charles Dwyer, glass set and trimmed pillow cases.

Mr and Mrs Burns Smith, gold and silver butter knife, sugar spoon and cream ladle.

Clarence Graham, silver butter dish and cream pitcher.

Clarence Gould, silver tea set.

Beatrice Gould, silver pie knife.

Charles Graham, 1/2 doz silver spoons.

Allen Wade, silver spoons.

Anlie, Gould, set table ma's.

Florence Mackie, butter dish.

Mrs Wm Mackie, glass pitcher.

Matilda Graham, fancy plate.

Mrs Ed Cosman, cake plate.

Martha Farrell, butter dish.

George Graham, set irons.

Chrissie Kennedy, fruit basket.

Solomon Gould, bon-bon dish.

Floyd and Eric Smith, pair towels.

Mrs. Hugh McMinn, quilt.

Mrs. Samuel Kennedy, lace collar.

Lizzie Mack, pair towels.

Janet Bryden, sofa pillow.

Maria Kennedy, doily.

Mrs. George Farrell, pair towels.

Ira Dow, fancy looking-glass.

Charles Saunders, 1/2 dozen tumblers.

Charles Foster, butter dish.

Edna Gould, tray and water set.

Fred Foster, five o'clock tea set, package tea.

Bertha Vavney, bed room lamp.

Ellen Vavney, glass set.

Mrs. S. Vavney, cake dish.

Gertie Cunningham, pickle dish.

Elden Cunningham, berry dish.

Mrs. Sarah Farrell, berry dish.

Mrs. Elizabeth Veysey, salt and pepper dishes.

Samford Vavney, cream pitcher.

Robert Bustard, knife tray.

Velma Smith, floor mat.

The Misses Nicholson, china set, pepper dishes and vinegar jar.

Minnie Hawkes, berry dish.

Cousins in Mass., sofa pillow and doily.

Sarah Dow, cake dish.

Sarah Graham and Sterling Mowatt, glass set.

George Farrell, 1/2 doz preserve dishes.

Edgar Dickinson, 1/2 doz egg dishes.

Fred Wheaton, glass set.

Riv Lewis, water set.

Joseph Foster, glass water pitcher.

Lola Welsh, glass molasses pitcher.

Alice Foster, knife and fork holder.

John Graham, parlor lamp.

Roxie Foster, vinegar pitcher.

Leah Gould, set glass dishes.

Harvey Boone, fancy flower dish.

Inez B. Clarke, fancy plate.

Mrs. Geo. Gould, cake plate and 1/2 doz.

tumblers.

Grover Foster, lamp.

Mrs. Thos. Gould, doiley.

Plagued with Poor Digestion.

Don't Suffer Any Longer—Follow the Advice of Others and Use Ferrozone. It Cures Permanently Indigestion and Dyspepsia.

Mr. Louis Meehan, familiar to every one in his native city of Peterboro, writes: "About three years ago I had a gripe, which left me in a run-down condition. My stomach got out of order, and I suffered considerably from indigestion and dyspepsia. I was only able to eat a few things. I had to give up treating with doctors, because they didn't help me. On the advice of a friend, I used Ferrozone which not only cured my dyspepsia and biliousness, but built up my strength. I can recommend Ferrozone as an ideal remedy for the digestion."

Mr. Ernest V. Jordan, of Trenton, writes: "I had a severe attack of stomach trouble and indigestion which completely upset me. I was advised to try Ferrozone and did so. Since using Ferrozone I have not had any further trouble, and can recommend it as a positive cure."

We guarantee that Ferrozone will cure any case of chronic indigestion or dyspepsia. It has made more lasting cures than any other remedy and can be used with perfect confidence. Don't waste money on cheap, inferior articles; get the best at once and be cured quickly. Ferrozone has no equal; it does its work thoroughly. Don't be imposed upon by anything represented "just as good" as Ferrozone. It alone can cure thoroughly. Price 50c. per box or six boxes for \$2.50, at all reliable druggists. By mail, from N. C. Polson & Co., Kingston, Ont., and Hartford, Conn., U. S. A.

Upper Magaguadavic.
(Special Correspondence to the Herald.)
June 30.—Scott & Co. have their new mill at Magaguadavic Station now in operation.

Mr. Wm. Henry and Mr. Andrew Gartley are each making additions to their lake cottages.

A number of the "U. M. S. Club" members went on an excursion on the lake last Saturday. They visited all the points of interest, not forgetting to call at "Gull's Roost," and returned home delighted with their picnic.

Dr. Henry of Fredericton visited his friends in this locality last week.

The Misses Nettie Farnham, Sarah and Ethel Bell of Milltown, N.B. are visiting relatives in this place.

The Orangeman of this place intend holding a picnic on July 12th at Farm Point. All expect it to be as usual, the chief event of the season.

NEURALGIC HEADACHE IS USUALLY attended with blinding pain, but relief comes quickly when Nerviline is applied for it is the strongest pain-reliever in the world. "I consider Nerviline a most magical remedy for neuralgia. I am subject to violent attacks, writes Mrs. E. G. Harris of Batimore, but never worry if Nerviline is in the home. The prompt relief that Nerviline brings makes it priceless to me. A few applications never yet failed to kill the pain. I can also recommend Nerviline for stiffness in the joints and rheumatism. Try Nerviline yourself. Price 25c.

Harvey Station.
(Special Correspondence to the Herald.)
June 28.—The advanced department of the superior school closed on Saturday and the principal, Miss Agnes M. Alward, has gone to St. John to attend the Teachers' Institute. Miss Alward has proved herself a very efficient teacher and the standing of the school has advanced considerably during the term. The primary department, taught by Miss Emily J. Hunter, will close on Thursday. Miss Hunter, who has taught here for the past three years, has been re-engaged by the trustees. They are anxious to engage the services of Miss Alward for another

year and it is expected that she will accept the position again.

The Presbyterian congregation at the morning service last Sunday elected three additional elders. The choice of the people were Henry Swan, John W. Taylor and John T. Craig.

The Misses Grace and Emma Robinson entertained a number of their friends at their home on Monday evening and a very pleasant time was spent. The party was in honor of Miss Agnes Saunders of Portland, Maine, who is visiting the Misses Robinson.

GIBSON SUPERIOR SCHOOL.

Interesting Closing Exercises—The Prize Winners.

The Gibson Superior School closing took place Thursday morning in the church hall at 10 o'clock, Mr. Wm. Jeffries, chairman of the Trustee Board, presiding. A very large gathering of scholars indicated by their presence and smiling countenances an interest in their studies, and the prospective pleasure incidental to a well earned vacation.

On the platform were Trustees J. H. Hendry and H. Pickard, Teachers Misses Louise Burpee, Ethel Macpherson, Belle M. Miles and Gertrude Doak and Rev. W. R. Robinson, Principal Sansom being absent attending the Teachers' Institute in St. John. After a few remarks by the chairman, Rev. Mr. Robinson was called upon to present the prizes won by the different scholars.

Principal's room.—1st prize, Mabel Northrup; 2nd prize, Gracie Machum; 3rd prize, Mabel Peabody.

Miss Macpherson's room.—1st prize, Louise Allen; 2nd prize, Zuma Burt; 3rd prize, Maria McConaghy.

Miss Doak's room.—1st prize, Ruby Chase; 2nd prize, Mary George; 3rd prize, Fanny Daye's special prize, Whitman Haines.

Miss Burpee's room.—1st prize, Mamie Martin; 2nd prize, Carrie Goodwin; 3rd prize, Bruce Northrup.

Miss Miles' room.—1st prize, Geo. Machum; 2nd prize, Gertrude Rideout; 3rd, Henry Stickle.

At this point an event of more than ordinary interest occurred, due to the fact that two of the teachers, Miss Macpherson and Miss Doak, sever their connection from the teaching staff to take up work in our great North-west, Maria McConaghy and Zuma Burt stepped forward and in behalf of her former pupils, presented Miss Macpherson with a handsome present and the following address:

Dear Teacher—We are sorry the time has come when we must bid you farewell and part from you as our loving teacher. We feel you have been very faithful in your endeavor of promoting us to a higher class and higher studies. I hope you will kindly forgive us for the many trials and troubles we have given you during the past term, which were done very thoughtlessly and carelessly.

Please accept this kind remembrance of love from your pupils of Grades V. and VI.

Wishing you great success and happiness in your future work, we again say farewell, and hope you will always think of us as a class who have tried in every way to make your work as interesting and pleasant as possible.

Misses Edna Capens and Reba Howard then presented Miss Doak with a handsome volume of poems and the following address in behalf of her former pupils.

Dear Teacher—We have enjoyed the year you have been with us, and we are sad at the thought of parting with you. We wish you every success in your new field of labor and ask you to accept this gift as a slight token of our love and esteem for you. Your loving pupils.

Both teachers spoke very feelingly in reply.

Misses McPherson and Doak have proved excellent teachers and by their faithfulness to duty endeared themselves to parents and children alike, who wish them every success in their chosen field of labor.

Chairman Jefferies and Rev. W. R. Robinson, addressed the pupils after which the gathering broke up by singing God Save the King.

CORNS GROW BETWEEN THE TOES

But can be cured without pain in one day by Putnam's Corn and Wart Extractor. This standard remedy never burns the flesh,—it is entirely vegetable in composition and does not destroy the flesh. Use only Putnam's, it's the best.

San Francisco is said to have established a record of telephone popularity, having a telephone for every twelve of its people.

By this time you know what was the matter with your new flat which caused the last man to move out.

So sometimes a girl's father strikes a young man favorably and sometimes he merely kicks him out.