

A WESTERN CANADA FARMER.

Seven Years Ago He Had But \$24; Now He Has Seventy Head of Cattle.

This Is What a Couple of Eastern Farmers Learned When on a Recent Trip to Canada—Splendid Words About Saskatoon, Rosthern and Hague District Where They Will Locate.

Messrs. J. E. Blum and J. Grumper, of Manchester, Washtenaw Co., Michigan, paid a visit to Alberta last summer and saw there a Mr. Shantz, one of the good old Pennsylvania stock, who had come recently—some seven years ago—from Ontario, with \$24 in his pocket. He has certainly prospered as he now owns over 70 head of cattle, has a good log house framed over, also a good barn and in all respects looks a thrifty and well-to-do farmer.

"The country here pleased us better than any we have seen. We drove out eighteen miles in northwesterly direction through the Smith settlement. This is a wonderful district, the growth was splendid, all kinds of grains and roots were perfect. The older settlers had good buildings of all kinds and looked very prosperous, in fact we came to the conclusion that we had found what we were looking for, a good country. While the nature of the soil changes and is in some parts light, in others stony, and again heavy, generally speaking it leaves nothing to be desired. Hay and water are also in abundance and wood can be found along the river slopes and islands. We have decided to locate there and shall certainly advise our friends to do likewise. We also trust that this report may have the effect of drawing the attention of land seekers to this district, and can honestly advise all such to locate there. They will find a good thing. As farmers ourselves, from a good district in Michigan, we have come to the conclusion that properly farmed Western Canada will grow almost anything." Ask for information from any agent of the Canadian government.

Wanted Solid Reading. An English bishop says that recently he came upon a Highlander in Scotland, who is several miles from neighbors and must spend the winter months alone. The bishop offered to send him some magazines, but he replied: "I have no wish for light stuff such as that; but, sir, could you get me a copy of the sermons of Jonathan Edwards?"

A Reason for Pride. The crown prince of Siam and the heir to the throne of Japan talk of visiting the United States, says the Chicago Record-Herald. If this business keeps on we shall become so haughty presently that there really won't be any living with us.

\$25.00 TO CALIFORNIA. Everyday, During March and April Phenomenally Low Rates to the Pacific Coast and Intermediate Points.

Colonist Excursions open to all. Later on at intervals during the summer special round trip excursions to the Coast at less than One Cent Per Mile, going one way, returning another. An exceptional opportunity to visit any part of all parts of the Great West for pleasure, education or business. People with interests at various points will show you attention. Address a postal to W. H. Connor, General Agent, Union Pacific, Southern Ry. Co., 23 East 4th St., Cincinnati, Ohio. Write on the back: "Send details low rates to California," adding your own name and address, also those of any of your friends, and you will receive in return information of fascinating interest, great practical value, of educational and business worth. Whether or not you are thinking of taking this delightful trip or looking to better your condition in life, it will pay you, your family or friends to write a postal as above. As the colonist rates open to all are good during March and April only, send your postal to-day.

Got Them All at Once. Sue Brette—I see it stated that if the eggs were of the world among the inhabitants of the country, each human being would get 141. Foote Light—Gracious me! I got that many one night while on our tour out west!—Yonkers Statesman.

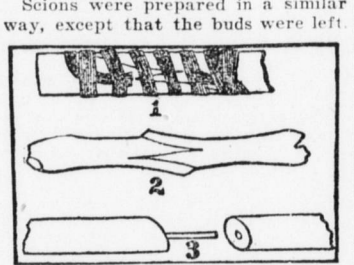
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SCIENCE OF GRAFTING.

Lessons Taught by Some Experiments with Vines Conducted at the California Station.

Results of experiments in bench grafting resistant vines have recently been reported from the California Experiment station. The experiments include tests of the relative value of English and Champin grafts, leaving two eyes on the scions and leaving only one, preliminary callusing in sand, planting out in the nursery immediately after grafting and callusing in straw covered with sand. The cuttings used varied from one-fourth to one-half inch in diameter, and were from six to nine inches long. The lower cut was made through the knot of the bud and the last internode of the upper left as long as possible. All the buds on the stock were carefully removed, a deep cut being made in order to remove the adventitious buds at the base of the main bud.



The scions having only one eye were cut through the second knot, in order to leave the eye protected by a closed internode. With the scions having two eyes, the upper cut was made about an inch above the second bud eye. Care was taken to prevent the drying out of the cuttings and afterward of the grafts. End-to-end grafting, as originated in France, was practiced in some instances. The number of successful grafts obtained by this method was low, but those that did unite made excellent unions. In grafting by this method the ends of stock and scion are cut at an angle of about 70 degrees and held in place by a piece of galvanized wire, which is pushed into the pith of each piece.

The proportion of successful Champin grafts was slightly greater than that of the English cleft. The successful English cleft grafts, however, were considered superior to the other in the matter of completeness and strength of union. The experiments with two-eye and one-eye scions were, on the whole, in favor of the use of two eyes. The difference between callusing the grafts in sand and planting them directly in the nursery as soon as made was very striking. Those previously callused produced 61 per cent. of good unions, while the others produced but 26 per cent. There was also a difference in the growth of the grafts in favor of those callused in sand.

GOOD PEACH REGIONS. Expert Fruit Grower Thinks Suitable Soil Can Be Found in All Parts of the Country.

The past season has been one that has made peach culture more interesting than any other season that I recollect in Illinois, from the fact that they have shipped an excellent kind of peaches to market and I suppose made a reasonable amount of money. We used to talk about peach sections; it was to be supposed that it was confined to certain narrow territories, some of them down east, one of them over in Michigan, another in southern Illinois, but the spirit of commercialism has led men to study requirements for successful culture of various kinds of crops, one of them, of course, being the peach, and that study has set men to hunting for suitable locations. Knowing the requirements, we find there are millions of acres of good peach region. I have no idea of how much undeveloped first class peach land there is in the United States, and the transportation companies have made possible the delivery of peaches grown in any section of the United States to any other part of the United States with due dispatch and in good order. That leaves commercial peach growers in a position where it is a question, perhaps in the near future, of a survival of the fittest; a brutal old law, but humankind seems to know no other law but the survival of the fittest. In the pursuit of the almighty dollar we know no limit to our ambitions. Where acres of peaches were planted a few years ago, whole solid sections are growing to-day. The market, of course, has been developed and extended by the same transportation facilities; the consumption of all fruits seems to be on a rapid increase, although we must doubt as to whether it can keep up with the wonderful increase in the production.—R. Morrill, in Farmers' Review.

Don't Neglect the Garden. Gardens that pay best are those that receive the most attention. A garden will not take care of itself and yield a profit. Probably no part of the farm pays as large a profit as the garden in good hands. A man that realizes this will give it the first attention in the spring, both as regards labor and fertilizer. The garden lover will not forget it when other parts of the farm also need attention. If a man will not do the work necessary or have it done, he may as well not attempt to have a garden.—Farmers' Review.

AN EPIDEMIC OF LAUGHTER.

Three Young People in Illinois Town Who Nearly Die from Irrepressible Merriment.

The young people of Wellington, in Iroquois county, Ill., are suffering from an epidemic of laughter, which has baffled the doctors and has caused much distress. The first victim of the affliction was Miss Effie Hamilton, the 15-year-old daughter of Mr. and Mrs. L. M. Hamilton. She laughed unceasingly for four days, until her father, not knowing what else to do, dashed a glass of cold water in her face. The shock had the desired effect, but for a long time the girl was exceedingly weak from the strain of her four days of laughing. The second victim was Miss Rosa Butts, aged 15. She was taken much the same way as Miss Hamilton, but the cold water cure had only temporary effect. The girl was finally stopped, but not until her condition had become alarming. The third victim is a young man, John Kimberlin, who laughed for almost a week, and then only let up owing to his excessive weakness. The young people were all similarly afflicted, and during their hysterical attacks were unable to eat or sleep, so the debilitating effect of their ailment can easily be understood. The utmost solemnity is the rule in Wellington now, and anything calculated to start even a mild laugh is promptly suppressed.

DISEASE IS IMPORTED.

Danger from Imported Cattle Emphasized in Warning from the Secretary of Agriculture.

In a paper read before the Central Short-horn Breeders' association at its annual meeting at Kansas City, Mo., the other day James Wilson, secretary of agriculture, says it has been found that tuberculosis is being spread by pure bred imported animals, and he suggests the propriety of shutting down on the importation of cattle and sheep. Glanders, too, he says, is an imported disease, and he suggests that it might also be well to exclude foreign horses from the American markets. "The idea," continues the secretary, "that foreign cattle as a class are better in the show ring or have greater potency than our cattle is a fallacy that the American breeder should set about dispelling now and for all time."

Mr. Wilson was unable to be present and his paper was read by George M. Rommel, an expert from the department of agriculture.

NEW FUEL MADE OF CLAY.

Company in Ohio Has an Article Which It Claims Is Cheaper and Better Than Coal.

The American Clay-Working Machine Co., of Bucyrus, O., has been applied for machinery to manufacture an artificial fuel which will sell cheaper than coal. It is made from ordinary clay treated with chemicals and is the invention of an old railway engineer of Omaha. The fuel burns in a stove, grate or furnace readily. It creates no smoke, no cinders, and burns to white ashes, 25 pounds of the fuel producing only a quantity of ashes that may be held in the palm of the hand. In the combustion the fire literally consumes its own ashes, and a ton of the fuel goes further than two tons of the best coal, producing five times the amount of heat that coal produces.

BEAUTIFUL CHILDREN

Made Well and Strong by Pe-ru-na.



A Doctor's Little Daughter Cured of Grip by Pe-ru-na.

Dr. R. Robbins, Physician and Surgeon of Muskogee, Indian Ter., writes: "I have been a practicing physician for a good many years and was always slow to take hold of patent medicines, but this winter my little girl and myself were taken with the grip. I went so bad I was not able to sit up. I sent for a doctor, but he did me no good. Finally I sent and got a bottle of Pe-ru-na and commenced to take it. I took two bottles and my cough was gone and my lungs loosened up and my head became clear. My little girl took the same way. "It looked as though she would die, she was so sick. I gave her medicine, but it seemed to do her little good, so I sent and got one more bottle of Pe-ru-na and commenced to give it to her. It was only a short time until she was getting along all right, so I give your medicine, Pe-ru-na, the praise for what it did for me and my dear little daughter."—Dr. R. Robbins.

Mrs. Shafer, 456 Pope Ave., St. Louis, Mo., writes: "In the early part of last year I wrote to you for advice for my daughter Alice, four years of age. "She has been a puny, sickly, ailing child since her birth. She had convulsions and catarrhal fevers. I was always doctoring until we commenced to use Pe-ru-na. She grew strong and well. Pe-ru-na is a wonderful tonic; the best medicine I have ever used."—Mrs. Shafer.

Mrs. C. E. Long, the mother of little Mina Long, writes from Atwood, Colo., as follows: "We can never thank you enough for the change you have made in our little one's health. Before she began taking your Pe-ru-na she suffered everything in the way of cough, colds and croup, but now she has taken not quite a bottle of Pe-ru-na, and is well and strong as she has ever been in her life. She has not had the croup once since she began taking Pe-ru-na, and when she has a little cold a few doses of

Pe-ru-na fixes her out all right. We can never praise it enough."—Mrs. C. E. Long. Mrs. G. W. Heard, of Howth, Texas, writes to Dr. Hartman in regard to her baby girl, Ruth: "My little girl had some derangement of the bowels. She was a mere skeleton and we did not think she would ever get well. After giving her less than one bottle of Pe-ru-na she was sound and well. Now she has a good appetite and is a picture of health."

Mrs. Heard also writes in regard to her son, Carl: "My son's ears had been affected since he was a babe only a few months old. The last year I thought he had almost lost his hearing and had a local physician treating him for about six weeks. Finally I began giving him your remedy, and after he had taken two bottles he was entirely cured. I cannot praise Pe-ru-na enough."—Mrs. G. W. Heard.

If you do not receive prompt and satisfactory results from the use of Pe-ru-na, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of the Health Sanitarium, Columbus, O.

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SALZER'S SEEDS. BROMUS INERMIS. The greatest grass of the century. We are the introducers and the only large growers of same for seed in America. We are headquarters for the Bromus variety of hay and lots and lots of pasture seedlings per acre. It will grow wherever soil is found. It is an agricultural wonder. Every farmer ought to plant it. It is a money maker. Try it for 1902. Catalog free. SPLEZ. The great cereal, producing from 60 to 80 bushels of grain and 4 tons of hay, as good as timothy, per acre. We are the introducers. How would 200 bushels of grain and 4 tons of hay at the present prices of grain? Well, Salzer's corn will produce this for you in 1902. Catalog free. Fodder Plants, Grasses and Clover. We have the largest array of fodder plants found in any catalogue in America. We have the finest varieties, the biggest yields and surest crops. Our Giant Increase Clover produces 400 to 500 lbs. high in six weeks after seeding. Our Pea that gives 8 tons of hay per acre, our Trefoil is good for 30 tons of green fodder per thousand. Headed Kale and Dwarf Victoria Rape make sheep and swine and cattle grow up in a sound manner. We warrant our grass mixture to furnish a luxuriant crop of hay on every soil where planted. (Over 2,000,000 pounds of seed per year.) VEGETABLE SEEDS. We are the largest growers. Choice onion seed at but 60c. and up to 1 lb. We have a tremendous stock of fine vegetable seeds, such as earliest peas, sweet corn, radishes, beans and many other money making vegetables. Our seeds are money makers, the kind the market gardener and farmer want. For 10c—Worth \$10. Our great catalog with a large number of rare farm seed samples is mailed to you upon receipt of but 10c. We want the strength of Hazard powder, our best, our most reliable. JOHN A. SALZER SEED CO., 123 Crocker, Wis.

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