THE HOPE OF THE CONTINENT.

Western Canada the "Bread-Basket of the Empire."

The attention directed to the wheat fields of western Canada during the past year has caused thousands of settlers from different parts of the United States to make their homes there during the past few months. They report that their experience corroborates what had been told them of that wonderful country, and they are sending back to their friends most favorable reports. During the past summer a number of Wisconsin and Michigan and Minnesota editors visited western Canada, and the following extracts are from a very flattering letter written to the Germania of Milwaukee by its able contributor, Prof. Sheridan.

"The numerous elevators along the line, towering so far above the surrounding country that they may be seen for many miles distant, sufficiently indicate that the chief industry is the growing of wheat. At the village of Indian Head, more than 1,000,000 bushels of wheat were marketed last year. This was but a fraction of the amount of the same product marketed at the larger cities of Brandon and Regina. At Indian Head the representative of the Germania was told by a farmer that he was about to harvest his third crop of wheat from the farm upon one plowing given it the fall of 1895; the crops of the current year and of last year having been sown upon the stubble of the preceding crop. This farmer expected a yield of not less than 40 bushels to the acre. The farms are very large. The absence of hills and rocks contributes to making farming on a large scale an easy matter. There was an abundance of evidence that the country surrounding the cities named above is an extensive region of fertile lands furnishing as great an opportunity for cattle raising and dairying as for the growing of wheat."

"We were surprised to find here a rich growth of nearly every species of cultivable plant known in Wisconsin. Various species of trees were growing, showing that its soil and its climate are favorable to the growth of forests. The writer had never seen a more promising growth of wheat, oats and garden vegetables than was observed here. The experimental farm of Wisconsin, located at Madison, produces nothing better."

"The people along the line of the railroad, however, assured us that we were still far distant from the northern limit of the wheat growing belt, and that 500 miles farther north, wheat and other agricultural products were cultivated with success. The inhabitants do not depend solely upon the growing of wheat, but utilize vast acres in raising cattle. The growing grain and vegetables showed that a plentiful supply of rain had fallen during the current year."

"From this city (Calgary) our party was taken north 200 miles to Edmonton, a town of 5,000 people, situated on the north Saskatchewan river. The country at this point is beautiful, presenting very much the appearance of many sections in central and southern Wisconsin. The people are engaged in mining for gold, and in raising wheat, potatoes and cattle. Dairying is also followed. This valley seems to be favored with sufficient rainfall to produce a luxuriant growth of grain and vegetables. The soil is very fertile and timber is abundant. Fields of wheat were observed that promise a yield of 40 bushels per acre. The many good farmhouses seen from the railway are evidence of the prosperity of the settlers. Edmonton is the terminus of the road and the place where the overland expeditions start from for the Yukon, it being about 800 miles from Dawson City."

"The members of the association made the acquaintance of the Canadians of the northwest and learned something of the vast extent of their territory and of its great resources, which are destined to make it our most formidable commercial competitor in the world's markets for the sale of agricultural products. We learned that the northwest territory of Canada, instead of being a barren waste as taught by our geographies of a quarter of a century ago, is capable of sustaining a empire of 50,000,000 people."

Blood.

The duke was beside himself with rage. "Your family have only plebeian blood in their veins!" hissed his grace.

"Well, you ought to know; you've bled them enough," replied the duchess, the fair American—her mien quite in keeping with the haughty legend, "Non Cura, Non Merces," upon the trade-mark of her father's justly celebrated Combined Hair Vigor and Stove Polish.—Detroit Journal.

I can recommend Piso's Cure for Consumption to sufferers from Asthma.—E. D. Townsend, Ft. Howard, Wis., May 4, '94.

There is quite a difference between bonds and vagabonds.—L. A. W. Bulletin.

Like Oil Upon Troubled Waters is Hale's Honey of Horehound and Tar upon a cold. Piso's Toothache Drops Cure in one minute.

For everyone who is robbed on the road 100 are in the inn.—Spanish Proverb.

As it certainly cures it, St. Jacobs Oil is The Master Cure for rheumatism.

The politician who cannot lie may as well be out of the world.—Spanish Proverb.

With a rub or two lumbago is often cured By St. Jacobs Oil. Small cost, big profits.

He who wants a mule without fault must walk on foot.—Spanish Proverb.

To Cure a Cold in One Day

Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

The baby's little game—Bawl.—Golden Days.

Sudden cold brings soreness and stiffness. St. Jacobs Oil brings a cure.

A hypocrite makes more trouble in the world than a fool.—Atchison Globe.

The proof of it is thousands say St. Jacobs Oil cured me of neuralgia.

He is a fool who thinks that another does not think.—Spanish Proverb.

At once use St. Jacobs Oil for sprains. At once it will cure. Athletes know this.

THEY EAT TO ORDER.

How Fowls Are Fattened by Machinery on Scores of Poultry Farms in England.

There are many poultry farms in England, for fresh fowl is considered a great and staple table delicacy. They have many schemes for fattening the birds. One is to confine them in small pens, where they can have no exercise and are fed a mixture of ground oats, milk and fat. They put on flesh at a rapid rate subjected to this treatment.

FATTENING A FOWL BY MACHINERY.

The birds are not allowed to pick up their food in the natural manner, but have it pumped or crammed into their crops by a simple machine, consisting of a large funnel, into which the food is placed, falling into a cylinder, from which it is pumped by a piston worked by a treadle through a flexible tube some seven inches long direct into the fowl's crop. The birds are fed this way twice a day. The dexterity with which hundreds of protesting birds are thus fed is remarkable.

POULTRY DOES PAY.

One of the Most Profitable, If Not the Most Profitable, Branches of Farming.

Those who say poultry does not pay do so because in the first place they do not expend the proportionate time and brain in caring for their fowls that they do with their other stock, says the Western Rural. In the second place they do not keep an account, hence the many little sums are overlooked when compared with those derived from the cows, for instance, where many times the capital is invested. Take care of your hens for one season, credit them with all the eggs and chickens used at home as well as those sold, of course charging the feed and time to them, and see if they do not yield a greater profit proportionately than the average products at your disposal. Those who have thoroughly tried it, either as a business in itself or as a side issue, are almost unanimous in declaring that it is one of the most profitable, if not the most profitable, branches of farming. One must not expect to do well at it unless he is willing to devote time and talents to it, and even then there are a few who, despite their best efforts, will fail; the same is true in every business and profession. To such I would say, try something else, but to the average man I would recommend keeping a few fowls, if situated so that it is at all practicable to do so.

NOTES FOR BEEKEEPERS.

Too much stimulative feeding often tends to induce robbing.

Colonies having defective queens are always the foundation of trouble.

The strength of the colony determines the amount of brood therein.

A board covering should never be placed over and directly on the frames.

The ground in front of each hive should be banked up level with the entrance.

The first thing after hiving a swarm of bees in a frame hive is to adjust the frames.

The best material in the smoker is dry, rotten wood that has become light and spongy.

When robbing once gets started in the apiary it is very troublesome and hard to check.

A gargle made of sage tea and sweetened with honey is one of the best remedies for colds or hoarseness.

When the queen goes up into the surplus boxes she selects drone comb if possible in which to deposit her eggs.

Except during the winter the entrance should be large enough to admit of the bees passing in and out readily.

Combs that are new and bright are not near so liable to become infested with worms as those of a dark color.—St. Louis Republic.

Sun Baths for Fowls.

It is not alone the cold weather in winter, but even more the lack of sunlight during the short days, that restricts egg production at this season. Plenty of sunlight is as essential as warmth to make the hens lively and healthful. But the single glass narrow windows, often only a single pane, and that covered with dust and cobwebs at all seasons, and with ice in winter do little good. What are needed in all henhouses are large windows with an extra frame and glass with a space of inclosed air large enough to fill most of the south side of the building. Keep the place where the sunlight falls free from manure and fill this with sand or coal ashes. Fowls will dust themselves here, and basking in the sunlight they will soon begin to lay.

COTTON SEED MEALS.

Practical Feeders Differ Greatly in the Estimate of Their Value as a Stock Food.

Much has been said and written relative to the use of cotton seed meal as a cattle food. Nearly all investigators agree in giving it a high value and urge dairymen to use this material not only because it is a cheap source of protein but because it also has a high manurial value. Practical farmers differ greatly in their estimates of cotton seed meal. Some seem to use it very satisfactorily for awhile and later conclude that the feed is not well adapted for their purposes. Occasionally a feeder observes that the health of the animals is affected by the feeding of cotton seed too freely, and it sometimes happens that even after animals have been fed for months with apparent success that they are injured by its continued use. It has also happened that cows fed upon cotton seed meal do well for a time and that later the milk flow is diminished without apparent cause. There are at present no other concentrated feeding stuffs which vary so much in composition as cotton seed meals from different sources and different mills. Within three weeks the station has examined samples varying from 22 per cent. to over 53 per cent. of protein.

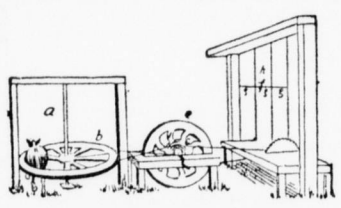
This greater variation in different lots of cotton seed meal may explain the different estimates of different practical feeders and of the same feeders at different times. If a cow is fed a cotton seed meal containing 26 per cent. protein and is then fed an equal weight of meal containing 52 per cent. it is evident that the amount of protein which she receives will have been doubled by the change. If she has been fed up to her full capacity in the first instance such an increase must result disastrously. On the other hand, changing from a cotton seed of high protein content would diminish the milk flow unless the amount of meal feed is correspondingly increased.—Bulletin of the Maine Agricultural Experiment Station.

FOR CUTTING WOOD.

Saw Power Which Can Easily Be Constructed at Home by Any Bright Farmer.

Sawing the year's supply of wood is a long, hard and laborious job. Many forms of power are now available, such as gas engines, windmills, water wheels, etc., which do the work quickly and easily. Where such cannot be afforded a natural mechanic can make a horse power cutter as illustrated herewith.

First make a shaft (a), on which place a wheel(b) for the horse to work in. Make it 16 to 20 feet in diameter. A heavy balance wheel (e) is then made



HOMEMADE SAW POWER.

and a pulley (c) fastened to it and the horse power wheel. A driving pulley (d) connects the balance wheel with the saw shaft. The saw frame (f) should be made strong and durable. The wood to be sawed is laid on the iron hooks (g), which are stapled so as to swing in and out by the saw. They hang from a heavy durable frame. A connecting bar (h) holds the hooks (g) in a uniform position. Rollers may be put on hooks (g) so the sticks to be cut will roll to the upright frame, the distance to be cut. One-fourth of wheel (b) is hinged in to take the horse in and out.—W. A. Sharp, in Farm and Home.

Feeding Salt with Fodder.

It is difficult to feed cut cornfodder so as to have it all eaten, and the difficulty is increased if there are nubbins of corn in the cut fodder to scatter grains through it. Cattle and horses will nose this over to get the grains of corn, and when the fodder has been thus nosed over only the small, fine pieces will be eaten. The better way is to grind the nubbins, corn and cob together, and apply this to the fodder after it has been moistened by steam. In this way most of the cut fodder will be eaten, and what is left can be made more palatable by sprinkling more meal on it and adding some salt. By feeding salt with unpalatable fodder a great deal of nutrition may be secured from what would otherwise be wasted.—American Cultivator.

The Hen's Egg and Sex.

Periodically and frequently goes around the report that eggs wrinkled at the narrow ends produce cockerels, says the Country World. To the student of embryology this fallacy is at once apparent. For the first few days the chicken is sexual, and then to about the seventh day it is distinctly hermaphrodite and contains within itself the element of both sexes. After this stage it verges in one direction, one set of organs developing and the other diminishing, according as to whether the germ is going to produce a male or a female. So that if the germ had a living conscience, it would not know at the sixth day which sex it would ultimately be.

Fast-Walking Farm Horses.

There is a large difference in the amount of work done in a year by a fast walking horse and one that is slow. If a team travels 20 miles a day, and another team goes 25 miles in the same time, it makes a difference of 1,500 miles for 300 working days in a year. When plowing or cultivating a large field a team will travel from 15 to 20 miles a day, and the difference of a mile or two is an important item during the busy season. There is room for a fast-walking breed of horses.

California.

Should you desire information regarding rates and through sleeping car routes, first class and tourist, to California address the undersigned. The Southern Pacific Company's famous Sunset Limited leaves New Orleans every Monday and Thursday and traverses a country where the rigors of our Winter and Spring are unknown. W. J. Berg, T. P. A., S. P. Co., 220 Ellicott Sq., Buffalo, N. Y., or W. H. Connor, C. A., S. P. Co., Chamber Commerce Bldg., Cincinnati, Ohio.

Extremely "Fly."

A gallant named Cobb met a maiden named Webb,
And straightway he sat down beside her,
And quickly proposed in a manner so glib,
That he won her as soon as he spider.
—Tit-Bits.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure.

F. J. Cheney & Co., Props., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

West & Truax, Wholesale Druggists, Toledo, O.

Walding, Kinnan & Marvin, Wholesale Druggists, Toledo, Ohio.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonial free.

Hall's Family Pills are the best.

The wise man always stops to think, but it's the really wise one who thinks without having to stop.—N. Y. Journal.

Holiday Excursions.

Excursion tickets will be sold at all stations on the North-Western line (C. & N. W. R'y, C. St. P. M. & O. R'y, S. C. & P. R'y and F. E. & M. V. R. R.) to all other points on this system and on the Union Pacific Railroad, within 200 miles of the selling station, at greatly reduced rates, December 24, 25, 26 and 31, 1898, and January 1 and 2, 1899, good until January 4, 1899. Apply to agents Chicago & North-Western R'y for full particulars.

Playwright—"My new comedy doesn't seem to have pleased you specially." Friend—"How so? Didn't I laugh every time I saw you looking at me?"—Fliegende Blaetter.

Coughing Leads to Consumption.

Kemp's Balsam will stop the Cough at once. Go to your druggist to-day and get a sample bottle free. Large bottles 25 and 50 cents. Go at once; delays are dangerous.

Some men even pretend to be well informed by pretending to forget what books they have read.—Washington (Ia.) Democrat.

Rheumatism.

Send for information if you are suffering, to the Rheumatic Treatment Co., Mt. Clemens, Michigan, P. O. B. 1002.

He who goes with wolves learns how to howl.—Spanish Proverb.

Manners are largely deceit's own name for itself.—Detroit Journal.

Her suggestion.—"Do you know what is the best way to kill time in the winter, Dick?" said an Allegheny girl to her steady company. "I know several ways, but which is the best way?" "Sleigh it."—Pittsburgh Chronicle-Telegraph.

Suitor—"Your daughter, sir, is the light of my existence." Her Father—"Oh, that's it, eh? I've often wondered how you could ever see her, with the gas turned so low."—Chicago Daily News.

Miss Sackerin—"What would you say if you saw me with a cigar in my mouth?" Jack Weedner—"I should say, as I always have said, that I am not fond of pretty cigar holders."—Boston Transcript.

Biffers Was Willing.—"Got your snow cleared away?" "No. Ran clear up to Biffers' to borrow his snow shovel, and when I got back it was time for me to go to the office." "But what did Biffers do?" "Oh, he was mighty glad to loan the shovel. He doesn't like snow cleaning any better than I do."—Cleveland Plain Dealer.

The Senior Partner—"I don't like this ad." The Junior Partner—"What is the matter with it? I thought it was excellent." "It says that the sales of our unparalleled mineral water have increased so that we have been forced to double the output of our spring twice in five years."—Cincinnati Enquirer.

A clergyman who was very particular about his personal appearance went to preach in a country parish. Finding there was no glass in the vestry, and fearing that his hair might not be quite as smooth as it should be, he asked the clerk if he could get him a glass. The man was gone some minutes, but at length returned and produced a parcel very mysteriously from under his arm. To the astonishment of the clergyman, when it was opened it contained a bottle of whisky with water and a tumbler. "You mustn't let on about it, mister," said the clerk, "for I got it as a real favor, an' I shouldn't ha' got it at all, bein' church hours, if I hadn't 'a said it was for you."—Ram's Horn.

A perfect type of the highest order of excellence.

TRADE-MARK.

Walter Baker & Co.'s Breakfast Cocoa

ABSOLUTELY PURE.

Delicious--Nutritious.

COSTS LESS THAN ONE CENT A CUP.

Be sure you get the genuine article made at Dorchester, Mass., by

WALTER BAKER & CO. Ltd.

ESTABLISHED 1780.

Can You Solve This Puzzle Verse?

"A simple go-between am I,
Without a thought of pride;
I part the gathered thoughts of men,
And liberally divide.
I set the soul of Shakespeare free,
To Milton's thoughts give liberty,
Bid Sidney speak with freer speech,
Let Spenser sing and Taylor preach.
Though through all learning swift I glide,
No wisdom doth with me abide."

If you can solve the foregoing, and send the correct answer to George H. Heafford, General Passenger Agent, Chicago, Milwaukee & St. Paul Railway, Old Colony Building, Chicago, together with a two-cent stamp, he will send you what it calls for.

His Way of Advertising.

Charles—I don't see how Blank can make any money out of that tobacconist's business of his. He's always smoking the best cigars himself.

Fred—Oh, that's his method of advertising.

"How so?"

"Puffing his goods."—Stray Stories.

Go South This Winter.

For the present winter season the Louisville & Nashville Railroad Company has improved its already nearly perfect through service of Pullman Vestibuled Sleeping Cars and elegant day coaches from Cincinnati, Louisville, St. Louis and Chicago, to Mobile, New Orleans and the Gulf Coast, Thomasville, Ga., Pensacola, Jacksonville, Tampa, Palm Beach and other points in Florida. Perfect connection will be made with steamer lines for Cuba, Porto Rico, Nassau and West Indian ports. Tourist and Home-Seekers excursion tickets on sale at low rates. Write C. P. Atmore, General Passenger Agent, Louisville, Ky., for particulars.

A Village Pessimist.

Si—I didn't see you follerin' our new band this mornin'.

Rube—No. I didn't have no gun.—Indianapolis Journal.

To California.

Attention is called to the excellent service of the North-Western Line to California and the favorable rates which have been made for single and round-trip tickets for this season's travel. Best accommodations in first-class or tourist sleeping cars, which run through every day in the year. Personally-conducted tourist car parties every week to California and Oregon. Choice of a large number of different routes without extra charge.

Particulars cheerfully given upon application to agents Chicago & North-Western R'y, or connecting lines.

To Be Determined Later.

Reed—Ah, I see you are busy. Writing for publication?

Wright—I don't know yet.—Cincinnati Enquirer.

Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Acts gently on the liver and kidneys. Cures sick headache. Price 25 and 50c.

The more doctors a man has, the less certain are they what ails him, and the more certain are other people.—Detroit Journal.

Did you ever See a Snow Storm in Summer?

We never did; but we have seen the clothing at this time of the year so covered with dandruff that it looked as if it had been out in a regular snowstorm.

No need of this snowstorm.

As the summer sun would melt the falling snow so will

Ayer's Hair Vigor

melt these flakes of dandruff in the scalp. It goes further than this: it prevents their formation.

It has still other properties: it will restore color to gray hair in just ten times out of every ten cases.

And it does even more: it feeds and nourishes the roots of the hair. Thin hair becomes thick hair; and short hair becomes long hair

We have a book on the Hair and Scalp. It is yours, for the asking.

If you do not obtain all the benefits you expected from the use of the Vigor, write the doctor about it. Probably there is some difficulty with your general system which may be easily removed. Address,

DR. J. C. AYER, Lowell, Mass.

CASTORIA

For Infants and Children

Bears The Signature Of Chas. H. Fletcher. In Use For Over Thirty Years The Kind You Have Always Bought

THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

DO YOU KNOW THAT THERE IS SCIENCE IN NEATNESS? BE WISE AND USE

SAPOLIO

STAR PLUG
L. & M. NATURAL LEAF PLUG
CLIPPER PLUG
CORNER STONE PLUG
SLEDGE PLUG
SCALPING KNIFE PLUG
SLEDGE MIXTURE SMOKING

Not Made by a TRUST or COMBINE!

LIGGETT & MYERS TOBACCO COMP'Y, Manufacturer.

Don't Rent

ESTABLISH A HOME OF YOUR OWN.

You can do it. The finest agricultural land in the world lies West of the Mississippi River. Prices are low and farmers are prosperous. You can get valuable information by reading "THE CORN BELT," which is the handsomest farm paper ever published. It is beautifully illustrated and contains exact and strictly truthful information about the West. Issued monthly. Send 25c. for a year's subscription to "THE CORN BELT," 209 Adams St., Chicago, Ills.

WHEAT! WHEAT! WHEAT!

50 ACRE FARMS IN WESTERN CANADA FREE

"Nothing but wheat as far as the eye could reach on either side: what you might call a sea of wheat," was what a lecturer speaking of Western Canada said while referring to that country. For particulars as to routes, railway fares, etc., apply to Canadian Government Agent, Department Interior, Ottawa, Canada, or to M. V. McINNES, No. 1 Merrill Block, Detroit, Mich.

READERS OF THIS PAPER DESIRING TO BUY ANYTHING ADVERTISED IN ITS COLUMNS SHOULD INSIST UPON HAVING WHAT THEY ASK FOR, REFUSING ALL SUBSTITUTES OR IMITATIONS.

SELF REGULATING.

Make YOUR POULTRY PAY. 50 Chicks from 50 EGGS Mrs. M. T. DUVAL, Old Church, Va., hatched with 50-Egg Size $5.00 Bantam 48, 50 and 49 Chicks in 3 hatches and never before saw an Incubator. We sell this and all other Incubators we make on 30 DAYS TRIAL. Send 4c for No. 159 Catalogue. BUCKEYE INCUBATOR CO., Springfield, Ohio.

50-EGG SIZE $5 00.

OLD SORES CURED

Allen's Ulcerine Salve is the only sure cure in the world for Chronic Ulcers, Bone Ulcers, Scrofulous Ulcers, Varicose Ulcers, White Swelling, Fever Sores, and all Old Sores. It never fails. Draws out all poison. Saves expense and suffering. Cures permanent. Best salve for Boils, Carbuncles, Piles, Salt Rheum, Burns, Cuts and all Fresh Wounds. By mail, small, 33c; large, 63c. Book free. J. P. ALLEN MEDICINE CO., St. Paul, Minn. Sold by Druggists.

A Christmas CHANCE FOR EVERYBODY!

Do you want to earn something for Christmas? We can put you in the way of making $14, without interfering with regular occupation. Even children can earn $5 between school hours. Something entirely new and original. No canvassing, and no capital required. A $3 outfit will be sent on receipt of 2-cent stamp. Postoffice box 2497, NEW YORK, N. Y.

As Black as your Hat DYE Your Whiskers

A Natural Black with Buckingham's Dye.

50 cts. of druggists or R. P. Hall & Co., Nashua, N. H.

Top Snap Complete Double Breech Leader $9.99 GUNS FISH-TACKLE SPORTSMEN'S SUPPLIES CHEAPER than ELSEWHERE Send stamp for catalogue. POWELL & CLEMENT CO. 18 Main St., CINCINNATI.

Catalogues of THOUSANDS of PLAYS SENT FREE

Largest Assortment in the World. All kinds of Books for Home Amusements, Including: 100 New Plays Just Issued, Charades, Reciters, Children's Plays, Negro Plays, Dialogues, Mrs. Jarley's Wax Works, Fairy Plays, Paper Scenery, Plays for Male Characters only, Tableaux Vivants, Make-Up Materials, Amateur's Guide to the Stage, Guide to Selecting Plays, "How to Make Up." SAMUEL FRENCH, 26 W. 22d St., New York City.

DROPSY NEW DISCOVERY; gives quick relief and cures worst cases. Send for book of testimonials and 10 days' treatment Free. Dr. H. H. GREEN'S SONS, Atlanta, Ga.

INVENTORS HELPED. For further particulars write W. X. STEVENS, Virginia Av. and 11th St., Washington, D. C.

PISO'S CURE FOR CONSUMPTION CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. 25 CTS.

WHEN WRITING TO ADVERTISERS please state that you saw the Advertisement in this paper.