Greater Farm Efficiency

Decreasing Cost of Machinery Repairs

By PROF. C. A. OCOCK, *Wisconsin College of Agriculture*

WANT BOOK.

Amount to Order	Letter and Number	Implement	Cost	When Wanted
Dec. 6, 1911.				
6	Spark plugs	Gas engine	$6.00	30 days
2	Piston rings	2 H. P. gas engine Gilson	2.00	60 days
1	doz. P 126	1 H. C. disk harrow	9.00	90 days
2	doz. Common clevise	For single trees	3.00	60 days
12	B	Corn King shredder	.20	30 days
2	H 663	Deering binder	1.00	6 mos.
2	Shares	Deere gang	5.00	60 days

Sheet from a Farmers' "Want Book."

Few farmers have a definite idea of the total amount of money invested in farm machinery. If you were to ask John Smith how much his farm machinery was worth he would be unable to answer you. He would probably tell you that the different implements cost so much and that there were a number of repairs for several of these. That these implements were so many years old, and were probably worth only about half of what they were at first. Possibly he had bought some of these second-hand, and had never kept any record of the money invested in farm machinery.

Farming being a business, should be run on business principles. If one is to know where he is making or losing money. So with the machinery the first cost and repairs should be recorded and a strict account kept of all labors involved in the up-keep of the different farm machines. This can only be done by regular business methods. The operator of the small farm may feel that this is not important, and from his point of view it may not be. Yet actual experience shows that unless some records are kept in operating a farm it is extremely difficult to know on what money is being saved and made.

To keep farm machinery in repair is no small item, and frequently time lost in being delayed during a busy period while waiting for repairs is the cause for a still greater loss. The time lost in many cases might be done away with if more care was exerted in overhauling the machinery during the winter season, when farm work is somewhat slack. Many farmers make a practice of making some repairs during the winter, but there is a greater majority who never feel that it is worth while to spend time to do such work, but believe they will have time enough in the spring or before it is time to use the machine again. As a rule, the work is not done until the machine or implement should be in the field, which ought not to be the case. The repairing, to be done at the least expense and loss of time should be done in the winter, or at least most of it. There are some implements that one might find difficult to repair, especially in some of the machinery sheds which are found on farms.

With a good machinery shed and a work shop at one end where a stove could be set up to take the chill from the air, this work might be handled very nicely with little if any disconfiture, even in the coldest weather. There will be a great many stormy days when little if any work can be done out of doors, when the work in the shop can be very satisfactorily carried on. Where the repairs cannot be readily put in the respective places, cards should be attached to the broken part and everything put in readiness for the time when the machine is taken from the shed. I am now thinking of the grain harvester, which is frequently behind many of the smaller machines, making it rather difficult to get at for repairing. In the case of the grain and corn harvester a good plan to follow is to make a note of such parts as show severe wear and order these parts for the coming season.

A "want book" and a box of shipping tags should be a part of the equipment of the farm office. In the book should be made a notation of the worn or broken part, and with it the letter and number, thus: "For the grain harvester, binder driver doz H. 356."

A shipping tag with letter and number should then be attached to the part to assist in quickly locating when repairs are to be put in place. The same holds true with reference to bolts. When housing the machinery you may not have the proper bolts on hand, but the "want book" and tags will furnish the necessary information, as, "One machine bolt 2½ inches by ⅝ inches." This, with others which may be required, may be purchased in one order, which will probably result in a saving of one-half.

While this system may seem at first thought somewhat cumbersome, a glance at the suggested sheet will show that it will in the end save time and money, and at the same time dispense with worry and aggravation at a very busy season of the year.

When the repairs and special bolts have arrived, take them with an extra supply of bolts, nuts and split cotters and a kit of tools. Proceed with the work as occasion permits, and in a short time all of the home work is completed. The work usually done at the village shop should be noted and the list left in a convenient place so that no extra time is required in locating it and arranging for the work. Some farms are fortunate enough to have their own shop, and where such conditions exist it is not necessary to take the plow shares to the village for sharpening, but this and many other kinds of such work can be done at home. The large farms having greater requirements will naturally require more machinery, so that the one in charge of the machinery should lose sight of the fact that a large supply of common repairs is better than to be out half of the time, thus causing unnecessary delays in the farm operations.

The stock of duplicate parts to be ordered should be for sickle sections for mowers and binders, also sickle heads and pitmans for the mowers. Rivets, wearing plates, ledger plates, guards, etc., or any such list as seems necessary to prepare for the necessary farm machines. Any one who is at all interested in farm machinery should be able to devise some plan which would greatly facilitate the handling and repairing of the farm machinery.

To insure the greatest efficiency of plow, cultivators and all such implements, it is a good plan to cover the face of the moldboards and shovels with a good grade of heavy machine oil or a fair grade of hard oil. This treatment will keep the wearing surfaces free from rust, so that the extra work of scouring these implements in the spring will be done away with. To get the greatest returns for money invested in farm implements one must have as few delays as possible.

In keeping before you the first cost and repairs of the different farm implements, a few cards as here shown will be of great help. In this way you can quickly find how much your wagon, mower, or any implement has cost since it was purchased. The depreciation can also be more quickly calculated, and in many ways this will assist in determining the gross earnings of the farm each year. This card system might be carried still further by adding to it a double column at the right, the extra column showing the amount of work or the value of the work done with each implement. This is shown on card describing gang plow.

The scheme described here is not entirely new, as some farmers are using methods which in some ways are similar, but the card system and day book are much handier and more economical.

1910 Wagon	Cost $75.00
July 10 Purchased	
Dec 8 Broken Reach	Renewed 2.00
1911	
Mar 11 Broken Evener	Renewed 1.25
Aug 6 Setting Four Tires	3.00
Nov 24 Broken Bolster	Renewed 5.00

1910 Gang Plow	Cost	Returns
July 10 Purchased	80.00	
Sept 8 Sharpening Shares	3.00	
Nov 1 To plowing 100 acres of stubble for the season	4.00	100.00

How to Keep a Record of Cost and Repairs of Different Farm Implements by Means of a Card System.

Preserve Indian Relic.

There is a famous historical rock on the banks of the Allegheny river, near Franklin, Venango county, known as the Indian God rock, which it is proposed to move to Franklin to insure its preservation. It is figured that the rock, which bears Indian hieroglyphics, weighs about 125 tons. It is believed that it can be lifted from its foundation, in whole or in part, by one of the railroad steam cranes and loaded on a car and taken to Franklin. It has been visited by thousands of persons, among them many scientific men, who have pronounced it an Indian relic of much historical worth.—Philadelphia Record.

Feed for Hens.

Dried lawn clippings aren't much of a feed unless full of white clover. Clover to the hundred pounds contains 29 per cent. dry matter, 2.1 ash, 2.9 protein and 16.4 carbohydrates. Its nutritive ratio is 1.5, while that of wheat is 1.7. Clover dry or steamed and mixed with mash is bully for hen health and eggs.

Merely an Episode.

New Year's eve revels were at their height.

Then a man with a preternaturally solemn face arose, wineglass in hand to propose a toast.

"May we never," he said, in deep measured tones, "drink any more of this stuff—"

He paused, and a horrified silence reigned for several seconds.

"—than is good for us!"

Then the revels broke loose again.

LAST HONORS PAID TO MAINE'S DEAD

BUSINESS IN CAPITAL IS SUSPENDED AS BODIES ARE LAID IN ARLINGTON.

PRESIDENT, ARMY AND NAVY, JOIN IN SOLEMN CEREMONY.

Military Guards and Bluejackets Escort Remains of Victims to Last Resting Place As Minute Guns Boom.

With all the pomp and solemnity that a mighty nation can pay its heroes of war the last of the dead of the Maine were laid away beneath the green hills of Virginia in Arlington cemetery. Side by side with the bodies of those brought back from Havana harbor after the war with Spain, they were consigned to the earth of the Old Dominion, while a nation paid its last measure of honor to the "unidentified" of that great catastrophe that brought on a war that changed the map of the world and extended the empire of the United States into the corners of the earth.

Seldom in the history of this country has there been planned a higher tribute to the memory of any man or men than that for the 64 dead of the Maine. Government business in Washington was practically suspended by executive order. President Taft, most of the members of his cabinet, the highest officers of the army, the navy and the marine corps, officials of the departments and the representatives of many foreign powers participated in the exercises. Over the government buildings flags hung at half-mast, while congress adjourned for the day. The booming of minute guns and the tramp of soldiery added the touch of military pomp and circumstances.

PACKERS ACQUITTED.

Jury Deliberated Nineteen Hours on the Case in Chicago.

Not guilty was the verdict which the jury returned in the trial of the ten Chicago packers accused by the government of violation of the criminal sections of the Sherman anti-trust act.

The verdict was returned before U. S. Judge Carpenter, after the jury had deliberated over 17 hours.

The ten defendants accused by the government and acquitted are:

Swift group—Louis F. Swift, president of Swift & Co.; Edward F. Swift, vice-president of Swift & Co.; Chas. H. Swift, director of Swift & Co.; Francis A. Fowler, manager dressed beef department Swift & Co.

Armour group—J. Ogden Armour, president Armour & Co.; Arthur Meeker, director and general manager Armour & Co.; Thos. J. Connors, director and general superintendent Armour & Co.

Morris group—Edward Morris, president Morris & Co., Louis H. Heyman, manager beef department Morris & Co.; Edward Tilden, president of the National Packing Co.

Railroads Refuse Engineers' Demand.

Forty-eight railroads, comprising practically all the roads east of Chicago and north of the Norfolk & Western, refused to grant an increase in wages demanded by their locomotive engineers.

The engineers' demand, presented on Jan. 22, was for an increase amounting to about 19 per cent a year. The railroads' refusal is based on the assertion that they are financially unable to bear the increased expense.

The reply was presented at a joint meeting of committees representing the Brotherhood of Locomotive Engineers and 12 vice-presidents and general managers of the railroads in New York. The railroads point out that the proposed increase will amount to $7,553,792 annually. This increase, they say, would be equivalent to placing on their properties a lien of $188,844,818 of 4 per cent securities, which would have preference over first mortgage bonds, and to just that extent would lessen the ability of the roads to make the improvements necessary to increase the efficiency of their service and to insure greater safety to the public and employes."

Tigers in Railroad Accident.

Two coaches carrying the Detroit ball players were wrecked while passing through the Washington street tunnel in Vicksburg, Miss. Nearly every player in the party was more or less seriously injured.

TELEGRAPHIC NOTES.

William C. Selpp, brewer, who committed suicide Monday, at Chicago, left $55,000 of his estate to Chicago charitable institutions.

Theodore Roosevelt, Jr., departed from San Francisco for New York Friday to take up his duties with a brokerage firm there with which he now is associated.

Women's coats will be 32 inches long next fall and winter and not an inch longer or shorter, according to a decision by the Suit Designers' association now in convention in New York city.

Vessels of the Atlantic fleet, headed by the flagship Connecticut with the flag of Rear Admiral Uriel Sebree aboard, dropped anchor in Hampton Roads, after a five-day voyage from the naval station at Guantanamo, Cuba, where they were engaged in winter maneuvers.

As a result largely of the sensational killing of Judge Thorton L. Massie, and officers of his court at Hillsville, Va., Chief Magistrate William McAdoo, of the New York city courts, has decided that all the uniformed attendants and clerks in the courts under his jurisdiction, must carry revolvers.

Following J. P. Morgan's long sojourn in Egypt this winter, reports have reached New York to the effect that he is negotiating for the purchase and removal to America of the famous ruins of the Temple of Philae.

A new move looking to the liberation of Harry K. Thaw is reported from Matteawan state hospital, where he is confined. Thaw attorneys recently sent three alienists to the hospital to make a new examination of their client and the report of the examination is now in the hands of Clarence J. Shearn of New York, chief counsel.

CRITICAL TIME OF WOMAN'S LIFE

From 40 to 50 Years of Age. How It May Be Passed in Safety.

Odd, Va.:—"I am enjoying better health than I have for 20 years, and I believe I can safely say now that I am a well woman. I was reared on a farm and had all kinds of heavy work to do which caused the troubles that came on me later. For five years during the Change of Life I was not able to lift a pail of water. I had hemorrhages which would last for weeks and I was not able to sit up in bed. I suffered a great deal with my back and was so nervous I could scarcely sleep at night, and I did not do any housework for three years.

"Now I can do as much work as any woman of my age in the county, thanks to the benefit I have received from Lydia E. Pinkham's Vegetable Compound. I recommend your remedies to all suffering women."—Mrs. MARTHA L. HOLLOWAY, Odd, Va.

No other medicine for woman's ills has received such wide-spread and unqualified endorsement. We know of no other medicine which has such a record of success as has Lydia E. Pinkham's Vegetable Compound. For more than 30 years it has been the standard remedy for woman's ills.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

MOTHER GRAY'S SWEET POWDERS FOR CHILDREN

Relieve Feverishness, Constipation, Cold and correct disorders of the stomach and bowels. *Used by Mother Gray 25 years.* At all Druggists 25c. Sample mailed FREE. Address A. S. Olmsted, Le Roy, N. Y.

TRADE MARK.

THE NEW FRENCH REMEDY No. 1, No. 2, No. 3.

THERAPION Used in French Hospitals with GREAT SUCCESS. CURES KIDNEY, BLADDER DISEASES, PILES, CHRONIC CLAP, SKIN ERUPTIONS—EITHER SEX. Send address on envelope for FREE pamphlet to DR. LE CLERC MED. CO., HAVERSTOC RD., HAMPSTEAD, LONDON, ENG.

HARD LUCK.

First Countryman—Here comes the sheriff to seize your farm.

Second Countryman—He can't. It's in my wife's name.

First Countryman—Yes; but your wife has eloped with the hired man.

No End to His Bad Luck.

John D. Shoop, at an Anti-Cigarette league banquet, explained his feelings in the story of the colored man.

"How are you getting along, Lazarus?" asked his master, interestedly.

"I gets along poorly," replied Lazarus, who complained of his misfortune at length. "Master John, I has such bad luck," says he, "that when I dies and is laid away in the tomb and the good Lord says to me, 'Lazarus, come forth,' I know I is sho' to come fifth."

Stop the Pain.

The hurt of a burn or a cut stops when Cole's Carbolisalve is applied. It heals quickly and prevents pain. Use 25c and 50c by druggists. For free sample write to J. W. Cole & Co., Black River Falls, Wis.

He Shut the Shutter.

"Willie, didn't I tell you to shut that shutter?" said Mrs. Boggs.

"The shutter's shut," replied Willie, "and I can't shut it any shutter."

Many a man with one foot in the grave does enough kicking with the other to make up for it.

224-PAGE MERCHANDISE BOOK NO. 16A free showing over three thousand articles of clothing, furniture, etc., given free with orders for choice of over five hundred daily household necessities. W. & H. Walker, Pittsburg, Pa.

Memories.

"My lad, I was a newsboy once."

"Aw, what cha tryin' to do—git me downhearted?"

Regret for the mistakes of our youth doesn't always prevent us from making them in our old age.

TO CURE A COLD IN ONE DAY

Take LAXATIVE BROMO Quinine Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

A man is apt to get so rattled when a leap year girl proposes to him that she can make him believe he did it.

Constipation can be cured without drugs. Nature's own remedy is Garfield Tea.

It's difficult to discourage a girl who can't sing.

THE ETERNAL FEMININE.

Mr. Hound—I think I'll have to get a license—

Miss Kyoodle—Oh! this is so sudden!

HANDS BURNED LIKE FIRE

"I can truthfully say Cuticura Remedies have cured me of four long years of eczema. About four years ago I noticed some little pimples coming on my little finger, and not giving it any attention, it soon became worse and spread all over my hands. If I would have them in water for a long time, they would burn like fire and large cracks would come. I could lay a pin in them. After using all the salves I could think of, I went to three different doctors, but all did me no good. The only relief I got was scratching.

"Soon after hearing so much about the wonderful Cuticura Remedies, I purchased one complete set, and after using them three days my hands were much better. Today my hands are entirely well, one set being all I used." (Signed) Miss Rita Narber, R. F. D. 2, Spring Lake, Mich., Sept. 26, 1910.

Although Cuticura Soap and Ointment are sold everywhere, a sample of each, with 32-page book, will be mailed free on application to "Cuticura," Dept. L, Boston.

Happiness Postponed.

An awkward predicament in which a sailor bridegroom and his bride were placed in St. Mary Major's church, Exeter, Devonshire, England, recently, caused the postponement of their wedding. The banns had been duly called at the church, but when the parties presented themselves at the altar the bridegroom, who had been recently paid off from his ship at Portsmouth, was unable to produce the necessary permission from his commander. The bride swooned, and eventually returned home, while the bridegroom left for Plymouth to get the required document.

Costly Necessities.

A woman who wants allmony says her face powder costs her $400 a year.

We shudder to think what she must spend for tooth paste.

Or hairpins.

Or shoestrings.

There is one thing certain. The husband with a wife like that should deal directly with the factories and cut out the middleman.

Spendthrift.

Uncle Eben—Do you think the money young Eph Hoskins made down in New York will last him long?

Uncle Eben—You bet it won't! He's going at an awful pace. I was down in the general store last night, and young Eph was writing $100 checks and lighting his cigars with them.—Puck.

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it

Bears the Signature of *Chas. H. Fletcher.*

In Use For Over 30 Years.

Children Cry for Fletcher's Castoria

Same Old Story.

She—How did they ever come to marry?

He—Oh, it's the same old story. Started out to be good friends, you know, and later on changed their minds.—Puck.

The way to get a reputation for goodness is to be good.

A remedy that has stood the test of time is worth trying. Garfield Tea relieves liver, kidney and stomach troubles.

A man is known by the company he keeps, and by the conversation he hands out.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

If a man is honest he doesn't have to use a megaphone to advertise the fact.

HIS UNKNOWN GOOD POINTS

Widow Found It Hard to Reconcile Eulogy With Her Knowledge of Dead Husband.

An old Irishman who had made a good deal of money, but who wasn't very particular about his habits or conduct, lived in Chicago. His custom was to go downtown about once a month on a spree, and then come back home and beat up his family and break the furniture. His aged wife, who had stood him for many years, was blind.

Finally he died, and his children gave him a fine funeral. They had plenty of money now that the old man was dead, and so they spread themselves. At the church there was elaborate ceremony. The blind widow was dissolved in woe. She cried and cried all through the services, paying scant heed to what was going on until the eulogy was pronounced. She listened. The priest referred to the dead man in glowing terms. After about ten minutes of this the aged widow nudged her son and whispered: "Danny, do they be havin' two funerals here today?"—Saturday Evening Post.

Financial Cripples.

They were taking the visitor from upstate around Manhattan, showing him the sights. The big automobile rolled past many wonderful buildings, all of which the host pointed out with some feelings of civic pride. At last they chanced to pass by the Municipal Lodging house.

"What's that place?" asked the rural visitor.

"Oh, that's one of New York's homes for cripples," was the reply.

"What kind of cripples?" was asked.

"Financial," was the reply, as the car sped on.—New York Herald.

All Fresco.

"Why does that old maid use so much paint on her face?"

"She's making up for lost time."

Instead of liquid antiseptics, tablets and peroxide, for toilet and medicinal uses, many people prefer Paxtine, which is cheaper and better. At druggists, 25c a box or sent postpaid on receipt of price by The Paxton Toilet Co., Boston, Mass.

Ought to Be All Right.

Mr. Bacon—Something wrong with this hash this morning, dear.

Mrs. Bacon—Why?

"I don't know. It needs something."

"I can't think what it can be. I put in everything I could find."

W. & H. WALKER, PITTSBURGH, Pa., are issuing a fine 224-page Book No. 16A showing how a million families are getting $100 worth of goods, soaps, clothing, furniture, etc., for $1.00. Over thirty-five hundred articles. Write for free copy today.

Appeal.

Stella—What is the matter?

Cholly—I wish you'd tell your father he's gotta quit kickin' me aroun'.—New York Sun.

For constipation use a natural remedy. Garfield Tea is composed of carefully selected herbs only. At all drugstores.

It doesn't require much inventive genius for a man to make a fool of himself.

PILES CURED IN 6 TO 14 DAYS

Your druggist will refund money if PAZO OINTMENT fails to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days. 50c.

Poverty does not destroy virtue, nor does wealth bestow it.—Yriarte.

"Pink Eye" is Epidemic in the Spring.

Try Murine Eye Remedy for Reliable Relief

You are only what you are when no one is looking.

There is no excuse for the dyspeptic, with Garfield Tea accessible at every drugstore.

Keep your troubles to yourself and they will not expand.

F.P. 20TH CENTURY Corset STYLE 270

Made of good quality steam shrunk coutil that will not stretch.

Automatic Boning warranted not to break for a year. Bones constructed with a patented automatic system that gives a sliding movement in bending, distributing the strain, and making them impossible to break.

AT DEALERS $1.50 or sent direct

BIRDSEY-SOMERS CO. 233 FIFTH AVENUE, NEW YORK

Woman's Power Over Man

Woman's most glorious endowment is the power to awaken and hold the pure and honest love of a worthy man. When she loses it and still loves on, no one in the wide world can know the heart agony she endures. The woman who suffers from weakness and derangement of her special womanly organism soon loses the power to sway the heart of a man. Her general health suffers and she loses her good looks, her attractiveness, her amiability and her power and prestige as a woman. Dr. R. V. Pierce, of Buffalo, N.Y., with the assistance of his staff of able physicians, has prescribed for and cured many thousands of women. He has devised a successful remedy for woman's ailments. It is known as Dr. Pierce's Favorite Prescription. It is a positive specific for the weaknesses and disorders peculiar to women. It purifies, regulates, strengthens and heals. Medicine dealers sell it. No *honest* dealer will advise you to accept a substitute in order to make a little larger profit.

IT MAKES WEAK WOMEN STRONG, SICK WOMEN WELL.

Dr. Pierce's Pleasant Pellets regulate and strengthen Stomach, Liver and Bowels.

20 Pretty Rooms in this FREE BOOK

Walls and Ceilings Tinted Therein Alabastine Book

—don't you want to see them?

Peep into other people's new homes and get the latest ideas for your own house decorating. Our book tells about the FREE Color Plans our expert designers will send you for any rooms you wish to decorate. You will be glad to know more about

Alabastine

The Beautiful Wall Tint

as exquisite in color and quality it is used in the most expensive modern homes though it costs far less than wall paper or paint. Kalsomine dulers appear harsh and crude beside the soft-hued Alabastine tints. Close furthest on the walls and is easiest to use. Full directions on every package—simply mix with cold water and put on. Does not chip, peel or rub off. 15 Beautiful Colors and—

With our Color Plans you can easily have the masterpiece home in your neighborhood.

Send for our FREE BOOK

Full 5 lb. pkg. White 50c.
Regular Tint 5 lbs.

Alabastine Company
52 Grandville Road, Grand Rapids, Mich.
New York City, Rmk 2, 105 Water St.

Pointed Argument

Tel-ta-ella Roofing is the strongest argument in the long run for it never need painting or repairs. First Cost—Last Cost.

It is waterproofed with a "triple asphalt coating" and weatherproofed both sides with an "armor plating of mica." Gives protection against fire and lightning.

GAL-VA-NITE

The Ideal Roofing for any kind of a building in any kind of a climate. Has stood the "Test of Time."

It is put up in rolls of 108 sq. ft. with zinc-coated, galvanized nails, cement and illustrated direction sheet.

Ask your dealer for Galva-nite Roofing when you want a roofing that is guaranteed to give "Quality" & "The Limits of an Guarantee" Proposition.

Ford Mfg. Co.
Chicago
St. Louis
Omaha
Kansas City

Constipation Vanishes Forever

Prompt Relief—Permanent Cure

CARTER'S LITTLE LIVER PILLS never fail. Purely vegetable—act surely but gently on the liver. Stop after dinner distress—cure indigestion, improve the complexion, brighten the eyes. SMALL PILL, SMALL DOSE, SMALL PRICE.

CARTER'S LITTLE LIVER PILLS.

Genuine must bear Signature

Brent Good

44 Bu. to the Acre

is a heavy yield, yet that's what John Kennedy of Edmonton, Alberta, Western Canada, got from 35 acres of Spring Wheat in 1910. Reports from best districts in other provinces showed other excellent yields. Over 2,000,000 acres of wheat per acre, 25 to 45 bu. per acre, 30 to 40 bushel yields were numerous. As high as 132 bushels of oats to the acre were threshed from Alberta fields in 1910.

The Silver Cup

at the recent Spokane Fair was awarded to the best District exhibit of grains, grasses and roots. Last year the same cup went to the Canadian Pacific Railway at Saskatoon and Manitoba in Western Canada.

Free homesteads of 160 acres, and pre-emptions of 160 acres (at $3 per acre) are to be had in the choicest districts. School conveniences, climate excellent, soil the very best, railways close at hand, building lumber cheap, fuel cheap and plentiful, wages good, land reasonable in price, water plentiful and good, and farming a success.

Homesteaders' best place for settlement is along the railways. Write for free copy of Sifton's Western Canada, maps, rates, descriptive illustrated pamphlet "Last West" (sent free on application) and other information, to Superintendent of Immigration, Ottawa, Can., or to the Canadian Government Agent.

W. V. McInnes, 176 Jefferson Ave., Detroit; or C. A. Laurier, Marquette, Michigan

Please write to the agent nearest you.

PARKER'S HAIR BALSAM

Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Prevents hair falling. 50c. and $1.00 at Druggists.

Brown's Bronchial Troches

Nothing excels this Cough Remedy. No opiates. Sample free. JOHN I. BROWN & SON, Boston, Mass.

DEFIANCE STARCH—16 ounces to the package—other starches only 12 ounces—same price and "DEFIANCE" IS SUPERIOR QUALITY.

FOR SALE—245 A. IN PETERBOROUGH CO., Ont. Can. 2½ M. S. 3 miles, 2 R. R. barn, stock, mach., etc. FOLEY, Box 239, Chicago.

DEFIANCE STARCH easiest to work with and starches clothes nicest.

W. N. U., DETROIT, NO. 13-1912.

Henkel's Bread Flour

MADE IN DETROIT

Choice Grain from the fields of Minnesota and the Dakotas contribute to its quality.

Expert Millers, who spare no pains or expense, superintend the work that takes every unworthy particle from the wheat and produces this rich, creamy flour.

Three generations of housewives have attested the goodness of this wonderful flour.

Surely Economy and Cleanliness are both served in transporting wheat (not flour) from these distant northwestern wheat fields. Ask for Henkel's BREAD flour.

Henkel's Cornmeal—Henkel's Graham Flour—Henkel's Prepared Pancake Flour