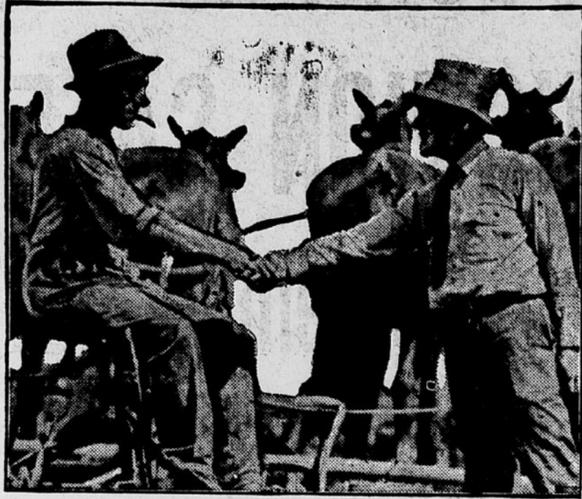


**WINS FIRST PRIZE IN FARMING CONTEST**  
H. R. Jones Takes \$400 Prize Money With Six Horse Team.



Geo. E. Fuller, Manager of the Power Farming Bureau, Congratulates H. R. Jones, Winner of the Farming Contest at Fargo.

"The Best Team in the Northwest" is the claim now made by H. R. Jones, who won the first prize of \$400 cash in the recent Fargo farming demonstration.

This claim is based on the records of 11 of the best teams in the Northwest originally started in the recent Fargo farming demonstration. Of these, six teams were compelled to withdraw after starting the work of plowing and seeding 10-acre plots; one of these was a team of thoroughbred Percherons—and the others were seasoned horses, well handled by competent men. In spite of this, it is reported that five horses collapsed and died.

The record of the Jones outfit, therefore, stands out as a surprising achievement, as he completed the job of plowing 10 acres, five inches deep, in 20 hours and 42 minutes—and he disked and harrowed this in 12 hours and 45 minutes.

While Jones was winning the prize for the best horse outfit, 36 tractors were competing against each other in similar work, and the average of the six best tractors shows that they did the same work as the horses in 8 hours and 43 minutes—one-fourth the time.

Every ounce of feed for the horses and fuel for the tractors was carefully weighed by an observers' committee, and the reports show that the Jones 6-horse team ate 250 pounds of hay and 12½ bushels of oats. With hay at \$13 per ton, and oats at 40 cents per bushel, which were the Fargo prices, and figuring Jones' time at 40 cents per hour; his total cost for

plowing and preparing a seed bed of 10 acres was \$20,005. This compares with the cost, \$3.97 for the same work with tractors, figuring kerosene at 11.8 cents per gallon, gasoline, 23.1 cents per gallon, lubricating oil 65 cents per gallon, and labor at 40 cents per hour. These costs do not include depreciation or repairs for tractors—and no charge is made for horse shelter or chores.

No effort was made to have horses compete with tractors in this work, but the comparison between the cost of horse power and tractor power under actual farming conditions in Dakota is interesting, not only because tractors did the work so much cheaper and quicker, but because tractor expense stops with the engine, whereas, horses must be fed and sheltered throughout the entire year, regardless of whether or not the horses are working.

The Jones achievement at the Fargo farm demonstration is a record which thousands of horse farmers in the Northwest will "shoot at" next year in summer fallowing where it is necessary to turn under weeds before they have gone to seed and after they have attained considerable growth.

The record of the tractors, which shows they did the work in one-fourth the time, and at less than one-half the cost of horses, will also be a gauge to measure tractor performance, though many tractor owners will far surpass the Fargo tractor records by plowing 12 or 14 hours continuously a day instead of limiting themselves to the 10-hour day provided in the Fargo tests.

Whizz-zzzzz! A rush of air—a sensation like shooting upward in a speedy elevator—and my plane rose swiftly from the ground at the Fargo farming demonstration.

"Circle the demonstration field where horses and tractors have been plowing," I instructed the pilot, and he pointed his plane over the paddock tents and headed for the extreme corner of the 640-acre demonstration field.

"Zip!" clicked the camera, as we banked for a turn, and here's the picture the camera saw: Right down in the foreground 110 acres striped with giant swaths of green carpet where the horse-drawn outfits, after sixteen hours, were still toiling on their unfinished ten-acre plots. Along side of them, and on either side of the road, like great fields of black velvet, lay 800 acres of soft black ground plowed, disked and harrowed by tractors in less than ten hours.

Convincing? Yes! Mighty convincing. I thought, as I looked over the whole scene and saw the tractors lined up in their paddocks, with their job completed, while the horse outfits were still hard at work, slowly turning furrows from the great swaths of green weeds.

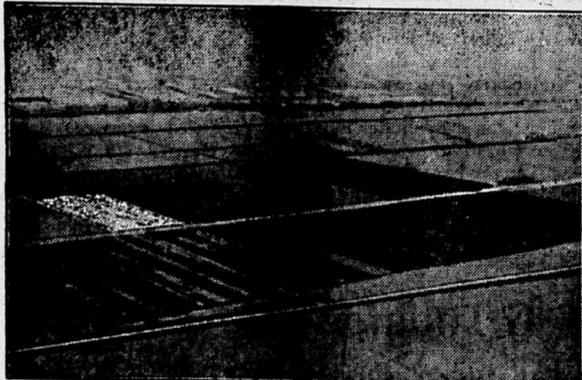
"How can the horse compete with the tractor in the face of such evidence?" I thought. Looking over the side of the airship, I saw thousands of farmers' automobiles streaming in and out of the demonstration grounds, and I realized then and there that it is inevitable that horses will be displaced by tractors in field work just as surely as automobiles have displaced them on the road.



My mind filled with these thoughts, I hardly realized we had circled the demonstration field, and had once more landed on the ground.

"How did the Red river look from the sky?" asked a farmer as I stepped out of the airship. "How did it look?" I repeated. "Well, I never saw it, I saw something much more wonderful that wiped out every other thought."

"What was it?" asked the farmer, as the crowd quickly gathered around. "It was a new view of power farming," I said, "where tractors are taking the place of horses in field work as automobiles have displaced them on the highways." And I wish every farmer in this country could have been up with me in the airplane to get that vision of power farming I got in the flight over the Fargo demonstration field. Power farming is here to stay—and to grow!



AEROPLANE VIEW OF FARGO DEMONSTRATION FIELD. Stripes Show Horses Were Still Plow ing. Black Shows Tractor Plot Finished. White Space is 40-acre Tents Field Headquarters.

# Sisters

By  
**Kathleen  
Norris**



## A Romance of the California Redwoods

ONE of the finest of all Mrs. Norris' splendid novels. A story of life, love and the beauties of nature; told in the charming style and with the absorbing qualities of plot for which its author is famous.

The sisters, Cherry and Alix, opposite in type, are also different in their natures and furnish the contrasting characteristics upon which is built a very human, captivating tale. The plainer, saner and more lovable Alix, is one of the most fascinating characters in recent fiction.

Watch These Columns for the Opening Installment of This Delightful Serial!

TO KEEP FROM YAWNING

Mrs. A.: Which of your social duties do you find most trying?  
Mrs. B.: To appear interested in the things that don't interest me.



THE GOOD OLD DAYS

Fly: Ah, for a taste of the good old New Orleans molasses instead of this substitute stuff.



PEOPLE OF OUR TOWN



The Tightwad Business Man is repelling a Bald on his One-Way Pocket-book! They are getting up a Fourth-of-July celebration, but all they get from Him They can Put in Their Eye. He lets the Other Fellows advertise and bring the Crowds to Town and he reaps the Benefit—without Expense.

"The hogs were turned in the field September 6, when they averaged 109 pounds in weight; and left there until November 12, making an average gain of 94 pounds, or a gain of 281.75 pounds per acre. They were marketed at 18.81 cents, which, allowing for shrinkage, gave a return of \$45.54 per acre."

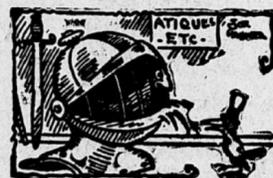


A MYSTERY  
Fly—Now why on earth do they call this a fly leaf?



EDGING THAT WAY

Are you and Jack engaged? Not exactly, but we hold about five primary meetings every week.



AN IDEAL DWELLING  
"Yes, it's an ideal dwelling." "Absolutely fireproof."

# \$\$ Day Sale \$\$

TUESDAY, SEPTEMBER 13th, 1921

- 3 lb pail Coffee, was \$1.20, this sale only ..... \$1
- 8 No. 2 Home Brand Pork and Beans, 1.20, ..... \$1
- 4 Sixteen oz. Glass Jar Peanut Butter, 1.20, ..... \$1
- 24 Eight oz. Bars Soap, 1.20, ..... \$1
- 3 Pint Bottles Fruitena, 1.20, ..... \$1
- 1½ lbs. Green Tea, 1.20, ..... \$1
- 4 Packages Oatmeal, 1.20, ..... \$1
- 4 Packages Seeded or Seedless Raisins, 1.20, ..... \$1

**J. T. Cockburn & Co.**

## Farmers Implement Co

ST. VINCENT, MINN.

Farm Machinery of all Kinds

Waterloo Boy Tractors  
On very easy terms.

Massey-Harris Cultivators  
John Deere Gang Plows  
John Deere Quack Grass Destroyer.

**SAM. GAMBLE,**  
Manager.

## CANADA COAL!

We have the sole agency for the genuine DRUMHELLER COAL for the town of Pembina this year and will have two cars in the last of the week. Hard coal will arrive in the near future, as we have purchased our stock.

Pembina Grain & Lumber Company

W. J. McDOUGALL, Manager. - Pembina, N. D.

## Acetylene Welding

AND

## BLACKSMITHING.

The undersigned has opened shop back of Christopher Brothers Garage where he is prepared to all kinds of welding and General Blacksmithing on short notice

All Work Warranted.

**JACK NEWELL,**  
Pembina, Minn.

## Pembina Dray and Transfer

Oscar Sonderman, Prop.

All kinds of draying, light and heavy, either load lots or small quantities.

Transfer hauling to Noyes and St. Vincent especially solicited.

Charges Reasonable.

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