

(Continued from page 3)

COOPERATOR and Address	Acre Area		Yield per Acre	
	North	Native	North	Native
John Jelinek, Hemingford	.36	.36	136.4	129.9
Joseph Kris, Hemingford	.80	.80	100.0	100.0
W. Prochaska, Hemingford	.077	.17	115.9	106.8
Anton Uhrig, Hemingford	.63	.59	96.6	88.7
W. W. Kennedy, Hemingford	1.36	1.36	105.0	78.9
A. H. Bacon, Hemingford	1.00	1.00	150.0	165.0
Wugh Best, Hemingford	.33	.33	129.4	129.4
J. H. Rohrbaugh, Hemingford	.976	.976	106.6	104.0
E. L. Taylor, Hemingford	.50	.50	90.0	110.0
AVERAGE YIELD PER ACRE		113.3	111.3	

Increased yield by Northern Ohio, 2 bushels per acre.  
 2 bushels at 35c (market price 1915) .70  
 7 bu. Northern Seed potatoes, per acre, at \$1.20 .840  
 7 bu. Native Seed potatoes, per acre, at 60c 4.20  
 Net cost of seed per acre .770 4.20  
 Loss by use of Northern seed, \$3.50 per acre.

**FARMERS' EXCHANGE**

When County Agent Work was first started in the county an article was published in the local papers stating that it was the desire of the Farmers Association to carry on in connection with the rest of the work, a Farmers' Exchange. Everyone was requested to list whatever they had for sale or exchange, hired labor wanted, etc., in the county agent's office. At first during a rather inactive season of work, more or less interest prevailed in the Farmers' Exchange. The County Agent from time to time listed articles that different farmers wanted to sell and buy, and while this information could not reach everyone, and there was no manner in which the county agent could keep a check on the amount of business done through the exchange.

A systematic plan of all members of the association sending to the county agent a list of things that they had for sale, exchange, or desired to buy and that every six weeks or two months a list be published and circulated throughout the county was decided upon. On December 4th a letter was gotten out explaining this matter and sent to most of the farmers of the county. The association plans on publishing their first list after January 1st.

**ALFALFA DEMONSTRATIONS**

Two alfalfa fields were found in the county that were excellent demonstrations of the value of alfalfa inoculation. These fields were on the farms of A. H. Grove, and Dr. F. J. Peterson, both seeded in 1914, and the yields this year on the inoculated portion was much larger than the uninoculated. Only a few men have reported in this line of work. Those few would see no difference at this time. Following are the men who inoculated a portion of their alfalfa: D. J. O'Keefe, A. F. Berg, W. I. Lorange, C. E. Glough, Fred Crawford, J. B. Leith, C. L. Hashman, F. J. Peterson, John L. Wiltsey, and C. E. Wiltsey.

The rejuvenation and reseeded of an old alfalfa field was carried on as a demonstration on the farm of William King. The field was first cultivated with an alfalfa cultivator, and re-cultivated and re-seeded at the same time. This permitted the owner to secure two good cuttings of hay from the thin stand of old alfalfa after eliminating many weeds, and has an excellent stand of young alfalfa for next year's crop.

**FORAGE CROPS**

Since two crops, namely, feterita and sudan grass, were widely advertised by different concerns throughout the country, many of the farmers of this county desired to make a test of these crops under Box Butte conditions. It must be remembered that no definite results can be stated as to the value of any crop under given conditions after only one year's test.

Thirty-three different farmers throughout the county made a test of feterita under fair conditions. The results were, since the ground was cold and damp, and the feterita seed of uncertain vitality and easily rotted, that only a very small per cent secured a stand. The cold damp weather throughout the growing season was not conducive to the best development of this plant, and while it may be stated that feterita was a complete failure in this county this year, it would in all probability be a success under normal warm fairly dry conditions.

**SUDAN GRASS**

Sudan Grass was tested by about eight farmers who were in touch with the county agent. While a fairly good stand was secured in most cases with sudan grass, the cold damp weather not conducive to its rapid growth permitted the common weeds and grasses to choke out most of the sudan grass. Later in the season when the ground was warm, though not very warm at any time, the sudan grass made a rapid growth.

On Mr. Schill's farm where the sudan grass was tested in rows, it attained in some places about 7 feet in height, and gave an estimated yield of approximately three tons per acre. Anton Uhrig broad-casted sudan grass which was quite successful in the field having an average height of about five feet. Mr. Uhrig reports an excellent quality of good forage on his field. The sudan grass would not mature seed. While these two crops warranted a fair trial or test, the time spent in making these tests was not lost. It more firmly established in the minds of all the desirability of acclimated corn for a dependable cultivated forage crop.

**FARMERS' INSTITUTE**

Farmers' Institutes were held throughout the county during the week of October 25-30. Ten institutes were held on the afternoons and evenings in the rural districts. One day of institute was held in Alliance. The institutes were at a time when weather conditions were very suitable, but everyone was engaged in digging potatoes. The people who were at the institutes were very well pleased with the rural ones and said in many cases it had been the first meeting of that kind that they had ever attended, or was the first meeting that had ever brought the people of their community together. The attendance while not large was rather good, considering the rush of work and the sparsely settled regions in which meetings were held. The people of most places asked if meetings of this kind would be held again next year in their neighborhood. The total attendance at the ten meetings was 260 grown-up people.

**SILO EXCURSION**

A two-day silo excursion was conducted in Box Butte county July 15-16. The trip was made in automobiles. The first day was spent in the vicinity of Alliance, and the second day in the vicinity of Hemingford. This enabled all who desired to make the trip.

The purpose of this trip was to enable all farmers and others in this county to visit the different types of silos; to find out about their construction; cost; necessary machinery for filling; time to put up ensilage; cost of filling silo; labor required; and value of silo in returns that the owners are getting from them. At all silos visited, the owners gave a short talk covering the cost of the silo, cost of machinery, cost of filling, the feed cost and value of the silo to him. The county agent was assisted in this campaign by Prof. Wood, and Prof. Fransden, of the Agricultural Engineering and Dairying Departments, also by J. B. Lamson, agriculturist of the Burlington railroad.

On the first day six silos were visited, and a meeting held at each with an average attendance at each meeting of forty. On the second day five silos were visited at which meetings were held with an average attendance of thirty-five. The business men of Hemingford and Alliance both assisted in making this silo excursion a success by sending a delegation and furnishing as many automobiles as were needed.

**JUNIOR AGRICULTURAL OBSERVATION TOUR**

A Junior Agricultural Observation tour was held in Box Butte county Monday, August 9th. The purpose of this trip was to have the boys come together, to create some interest in Agriculture, and to give them instruction on some phases of Agriculture in their county. All boys between the ages of 15 and 21 were asked to attend. The start was made from Alliance at 1:30. Another purpose in having such a trip was that each boy should report his study of the day, and on the basis of these reports a delegate from the towns and from the country were to be selected as delegates to the Nebraska State Fair, Boys' School Encampment. Louis Powell winning the contest open to the boys from the city school district, and David Purinton represented the country school district at the school encampment at Lincoln during the Nebraska State Fair.

**CIRCULAR LETTERS TO ALL MEMBERS OF THE ASSOCIATION AND TO PARTIAL TAX LIST**

1. Smut Treatment for oats.
2. Cooperative field demonstrations for 1915.
3. Potato disease treatment and meetings.
4. How to use the office of the Box Butte Farmers' Association.
5. Value and real purpose of Agricultural Displays.
6. Good roads.

7. Silo excursion and schedule.
  8. Semi-annual report of Box Butte Farmers' Association.
  9. Cooperative letter on special live stock train.
  10. Hints on Storage of Potatoes.
  11. Value and necessity for seed corn selection and Seed Corn Day.
  12. Farmers' Institute, purpose and schedule.
  13. Farm Record survey meetings, their purpose and schedule.
  14. Annual meeting.
  15. Object and Purpose of Farm Survey.
  16. Farmers' Exchange letter.
- Total circular letters . . . . . 5,781  
 Average number letters . . . . . 323

**GARDEN PROJECT RULES**

**Under Which Box Butte Schools Will Take Up This Branch of Boys' and Girls' Club Work**

1. Pupils enrolled in this project shall not be under 10 nor more than 18 years of age by January 1, 1916.
2. Size of garden shall not be less than 100 square feet.
3. All members will receive instruction in the planting and care of the garden, the marketing of products, and also the canning of vegetables for the home and market.
4. Specific directions will be given by the local school garden supervisor.

- or.
5. A definite garden plan must be submitted to the garden supervisor. This plan should show crops to be planted, as well as rotation and location of crops.
  6. Members should grow a limited variety of vegetables, one of which must be tomatoes.
  7. Each member must do all work in his or her own garden, unless permission for assistance is given by the supervisor.
  8. A careful record must be kept of all labor, expense, and receipts in order to show amount of profit from season's work.
  9. In estimating profit the following basis shall be used: Rent of land at the rate of 10c per 100 square feet, club member's time at 10c per hour, all help at 15c per hour, or if hired help with or without team at actual cost, person's time, however, not less than 15c per hour and each horse not less than 5c per hour. Seeds, plants, fertilizers, etc., shall be charged at actual cost, price of same to be determined by local markets.

10. All vegetables gathered from garden shall be weighed as soon as picked and record kept of same. Records of vegetables not usually estimated by weight shall be made according to the method used in local markets—radishes by the bunch, spinach by the peck, etc.
11. At the close of garden season each member shall, from records kept during the year, make a report showing yield, garden expenses, and receipts. This report, depending on record, may be directed by pupil's teacher in arithmetic.
12. Final report shall be signed by local club leader and city garden supervisor certifying to its accuracy.

13. Each member shall also write a story of "How I Made and Used My Garden Crop." This written account may be under the direction of the teacher in charge of pupil's regular English work.
14. Garden members shall attend all meetings and demonstrations arranged by the supervisor. If exhibits are held, all members shall display products, also reports and stories when called for.
15. Awards will be made and credit given on the following basis:
  - 1—Record of garden work as shown by—
    - (a) Garden plan.
    - (b) Story, "How I Made and Used My Garden Crop"
    - (c) Garden account book
    - (d) Garden instructions and reports . . . . . 40
  - 2—Quality of fresh and canned products prepared for market and exhibits . . . . . 20
  - 3—Net profit per 100 square feet . . . . . 40

Total score . . . . . 100

More Than Half The Cars You See Are

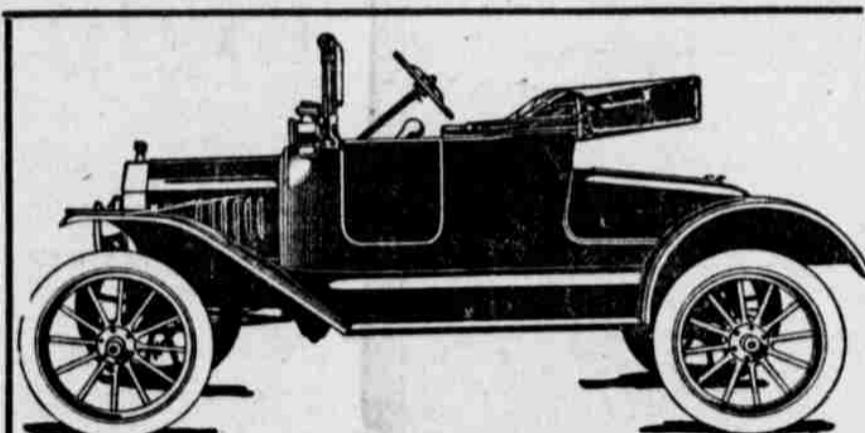
**FORDS**

More Than a Million Fords Are Now in Every Day Use Everywhere

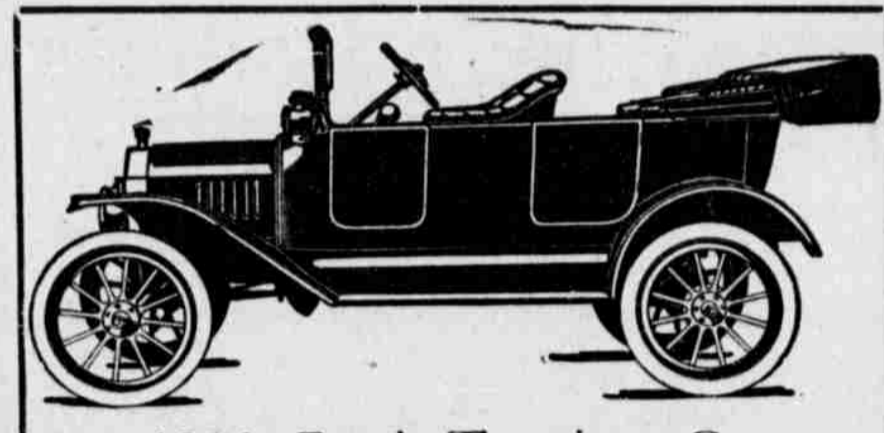
Here are some of the reasons for this remarkable record:

Quality Service Reliability Low Price Economy of Operation and Maintenance and Character and Responsibility of the Company

The Ford is Certainly the Universal Car



1916 Ford Runabout  
**\$426.25**  
 Delivered



1916 Ford Touring Car  
**\$476.75**  
 Delivered

THE CAR FOR ALL THE FAMILY

Goodrich Tires Goodyear Tires United States Tires

The Tires that make your expectations for profitable and pleasurable mileage come true.

Complete Supply Parts of Ford

GARAGE WORK REPAIRING SUPPLIES LIVERY

**THE FORD GARAGE**

KEELER-COURSEY COMPANY

Opposite City Hall

Alliance, Nebraska