

Dakota County Herald

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Farm Notes.

Issued by the University of Nebraska College of Agriculture.

KEEP THE CULTIVATOR GOING

Shall the cultivator be kept going in a clean field of corn when the surface of the ground is already a mulch of dry loose soil? The College of Agriculture says that one must remember that cultivation thru its cutting of corn may do harm as well as good. As long as there are numerous weeds to be destroyed, cultivation is very much in order, but there is growing evidence that mere moving about of loose soil in a clean field is labor more or less misspent.

BUSY AGENT IN KIMBALL COUNTY

Kimball county farmers who hired an agricultural agent, or farm demonstrator, last year are giving their new "hired man" a good work-out. During the first 11 months of service, his records show that he visited 462 farms at the request of farmers, or more than one a day. In addition, about twice that number of personal inquiries were received at his office. The cooperative sale of seed and live stock thru the association for this period amounted to \$10,874. Among other things, the members of the farmers' association are cooperating in crop tests, the control and prevention of diseases of crops and live stock, boys' and girls' club work, and community clubs.

WHEN NOT TO USE VIRUS

Never use virus in vaccinating an unthrifty herd of hogs. If cholera breaks out in such a herd, the Department of Animal Pathology at the University Farm recommends the use of serum alone. Two or three weeks later when the hogs have improved in condition, give the simultaneous treatment. If the unthrifty condition is due to worms, give some well-known worm remedy.

Where there is no cholera in the vicinity, it is not advisable to vaccinate on account of the possibility of starting a center of infection. The exception to this is the breeder of pure-bred hogs. Where virus is used in such cases the owner should use every precaution against infecting the premises.

HOW OFTEN SHALL CORN BE CULTIVATED?

At the Illinois Agricultural Experiment Station in a test lasting five years, corn cultivated to an average depth, three to five times as the varying seasons required, yielded 68.5 bushels per acre, while that cultivated nine to fifteen times yielded but 68.6 bushels per acre. The number of required cultivations varies considerably with the season. In years when the soil is packed by heavy and frequent rains and weed growth is correspondingly troublesome, cultivation must necessarily be more frequent than if opposite conditions exist. It is also probably true that cold, wet heavy soils need more frequent cultivations than do the opposite kinds. In actual practice, however, it seldom pays to cultivate less than three times or more than five times. Junior corn bulletin, Nebraska College of Agriculture.

FARMERS' WORST ENEMY

Weeds are the worst enemy of the farmer who is farming under limited rainfall, according to a recent bulletin of the Agricultural Experiment Station of Nebraska. It says: "All of our work has pointed to the fact that from the standpoint of storing moisture, the killing of weeds is even more important than cultivating the soil. Cultivation, however, is the means of killing the weeds and serves to keep the surface soil in condition so that it will catch the water that falls, and not blow away."

"In 1907 a small tract of land was kept thoroughly cultivated until the middle of June, then one-half of it was allowed to become weedy, while the other half was kept cultivated. During the latter part of September, moisture determinations were made to a depth of three feet on each portion of the tract. It was found that three and one-half inches of water had been used from the upper three feet of soil by allowing the weeds to grow. The portion which was kept cultivated had at the end of the season practically all the water it could carry, while the portion where the weeds had grown was as dry as it would have been had it produced a crop of grain."

Similar results were obtained from experiments in 1908, 1911, 1912, and 1913.



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DAKOTA CITY PHARMACY

Items of Interest from our Exchanges

Ponea Journal: M. F. Logue, of Jackson, was in town Wednesday and made this office a business call.

Newcastle Times: Mrs. Heenan, of Vista, has been here visiting her son, Mike Heenan, and family, returning home Monday noon.

Wynot Tribune: Mrs. H. A. McCormick returned Friday evening from a week's visit with her mother and brother at South Sioux City.

Craig News: Mrs. Raymond I. Fouts, of South Sioux City, returned home today after a week's visit to her parents, Wallace Dose and wife.

Wakefield Items in Wayne Democrat: Miss Nettie Samuelson returned Tuesday morning from a ten days' visit with her sister, Mrs. Walter Miller, at Dakota City.

Hartington News: Mrs. J. J. McAllister, of Dakota City, returned home Monday morning, after a visit with her daughter, Mrs. McNamara, and family. Her granddaughter, Mary McNamara, accompanied her home for a short visit.

Winnebago Chieftain: Mrs. Chas. Ohmit is spending the week visiting in South Sioux City. James Small, brother to Bob Small, has accepted a position with the O'Connor store as manager. Mr. Evans has returned to South Sioux City.

Allen News: Miss Margaret Nordyke spent Sunday in Randolph. Frank Hale returned home Tuesday night from a trip to Minnesota. James Baker, a former resident of this place, but now residing near Homer, was in town on business last Wednesday.

Bloomfield Monitor: H. F. Friedrichs and family returned Sunday evening from Crystal Lake, where Mrs. Friedrichs and family had gone the week before. Herm went down after them on Thursday. Herm says he caught several large pickerel while down there.

Lyons Mirror: R. E. Sneath, brother of W. E. Sneath, has taken the place of helper W. L. Wickland at the Burlington depot. Miss Luella Hirsch, of Walthill, visited Mr. M. Warner and wife Saturday. Her father, Abraham Hirsch, settled in Dakota county in 1856.

Osmond Republican: Joe Leedom, of Gordon, Neb., was in town the first of the week visiting with relatives and friends. He was on his way home from Lincoln where he had been attending a school of instruction for the officers of the Nebraska state militia. Joe has been appointed captain of the company at Gordon and it is required of all commissioned officers to attend this school. He reports the crops around Gordon as the best ever raised and that business is booming. He and his father are having built a new brick building for the Gordon Journal, which they own and publish. When this building is finished they will have one of the finest plants in northwest Nebraska.

Sioux City Journal 6th: Dr. J. Harlan Bridenbaugh, of St. Louis, Mo., is here for a visit with his parents, Mr. and Mrs. B. N. Bridenbaugh, 3905 Fifth avenue. The police raiding squad Sunday used the sense of smell successfully in conducting a raid at the Davey Bros. drug store, 1016 Fourth street. The raid was the second in two months. They applied their nostrils to two jugs. One jug bore a sulphuric acid label, while another was marked "wood alcohol." One whiff in each case was sufficient. The fumes were the fumes of whisky, the police say. Liquor of various kinds was found in all parts of the store, neatly hidden. Three kinds of whisky were unearthed among the drugs. Eight pints of bonded liquor were revealed in a search through drawers. Behind boxes on shelves the raiders found sixteen half-pint bottles of alcohol. One gallon of sherry wine, one gallon of port wine and two bottles of beer were taken. J. P. Davey was arrested on a charge of selling intoxicating liquors. He was released on a \$500 bond furnished by J. L. Levitt.

Emerson Enterprise: F. F. Haase attended Masonic lodge in Sioux City last Thursday night. Miss Louise Bayha, of Niobrara, stopped over between trains with Geo. and F. F. Haase last Wednesday. Arnold Bichel, brother of Mrs. Theodore Peters, returned to his home at Mineola, Ia., after spending ten days here visiting with relatives. On June 28, about forty relatives and friends gathered at the home of Wm. Wallway, jr., to remind Grandpa Wallway of his 71st birthday anniversary. The relatives in attendance were the families of Messrs. Wm. Wallway, jr., Fred Blume, Henry Wallway, Fred Wallway, Louis Wallway, George Wallway and Henry Wilke. The day was spent in games by the children and conversation by the older people, with ice cream and cake for refreshments. At 6 o'clock a sumptuous birthday dinner was served at a long table on the lawn, at the head of which sat Grandpa Wallway surrounded by six of his children (a daughter, Mrs. Richard Schmidt, now living in Washington, was the only one not present) and twenty-two grand children. At the close of that happy day all who were there expressed the desire that Grandpa Wallway be able to enjoy many such occasions on his natal day.

Found. A gentleman's coat. The owner can have same by paying the expenses of this notice.

Farmers Meet for Business Session

The board of directors of the Dakota County Farm Management Association met Friday afternoon for the regular business session, with the following members present: J. F. Leamer, Thos. J. Hartnett, E. L. Ross, Martin Hogh, Hugh Raymond, and T. F. McGlashan.

After the reading of the minutes of the April meeting, Mr. Raymond reviewed the work accomplished for the association for the months of May and June, as follows: "During the months of May and June I have visited 70 farms; have had 90 office callers; 40 telephone calls; have written 85 letters and sent out 2 circular letters of 300 copies each; have prepared two articles for the county papers; have held four indoor meetings with an attendance of 105 people, and one field meeting with an attendance of 29; have secured 20 farm records and vaccinated 180 hogs, and five calves; have traveled 928 miles. "On June 2nd and 3rd Dr. Cain was in the county and meetings were held at Dakota City, Goodwin, Homer, and Emerson. These meetings were not very well attended on account of people being so busy, with the exception of Goodwin, where a good crowd came out. I have also had men in the county to take farm records but most farmers were so busy that they could not give the time for the record to be taken, so it was very difficult to secure records."

On motion made by Director Ross the following bills were ordered paid:

- J. W. Rooney, repairs and storage on car for May \$ 8 55
 - University of Nebraska, serum and virus 54 75
 - J. W. Rooney, storage on car for June, \$5, work on car, \$2, oil and repairs, \$1.25... 8 25
 - D. C. Heffernan, office rent May and June, \$10, oil, 45c. 10 45
 - Hugh Raymond, salary for May and June, \$100, expenses, \$15.10.....115 10
 - Kenzie & Green, oil and gas..... 10 62
- The motion was made and carried that the treasurer and secretary submit their records showing the financial transactions of the association at the July business meeting, that the same might be audited by the committee appointed by Pres. Leamer. Pres. Leamer appointed Geo. Orr, Ed Ross and Thos. J. Hartnett as the auditing committee, after which the meeting adjourned.

Potato Wilt.

I have found in several fields of potatoes a disease which is called Fusarium wilt. This disease is one of common occurrence in the Northern states and has probably been introduced here by using Northern grown seed potatoes. The symptoms are not always pronounced enough to attract attention. In its mildest form the disease appears on plants when they have reached a height of twelve or fourteen inches. It may cause a stunted growth; the leaves may roll and lose their natural color, finally wilting entirely, and the entire plant may become yellowish in color, drying prematurely. On pulling up such dead vines, the root system shows marked evidence of diseased condition. They are frequently brittle, breaking off very easily and appearing somewhat rotted. They may be grayish or brownish in color, and are often partly covered with a white or pinkish mold. The stem branches leading to the tubers are often browned and are more or less rotted, and sometimes they appear slightly pink. If a thin slice is cut across the stem where it is attached to the tuber, a discoloration varying from a slight yellow to a deep brown is noticeable. This discoloration is in the form of a more or less complete ring, although it may show only in isolated spots. These potatoes are affected with the disease although they might very easily be passed as perfectly sound tubers.

Fusarium wilt cannot be checked by seed treatment and vine spraying. As the disease is located in the center of the tuber the solutions used for disinfection cannot reach it, so the only method of control lies in the direction of careful seed selection. The safest and at the same time most profitable method is that which shows any signs of Fusarium wilt infection. This fungus can live over winter in the ground as well as in the potatoes and also lives over from year to year so that it is not safe to plant potatoes on infected ground for five years. In order then, to control the disease careful seed selection must be practiced and also potatoes must not be planted out more than every five years on the same ground if it has become infected with the disease.

Boy Scout Notes

Alfred Johnson, Harold Antrim, Emil Annesen, Theodore Frederick, Henry Krumwiede, James Graham, have passed second class tests. Regular meeting Thursday at 8 p. m. A short "hike" and "sneak in" will be arranged. Second class badges will be presented. The monthly "100% duty" badges are now held by Alfred Johnson, Emil Annesen, Henry Krumwiede and James Graham.

CORRESPONDENCE

HUBBARD.
Bart Leahy was in town Tuesday. Bertha Francisco came home Tuesday.

Alma Fredericksen came home Saturday morning.

Summer underwear in the latest and best makes. C. Anderson Co.

Fred Bartels was in Sioux City last week.

A large number from here went to Emerson Saturday to celebrate.

Fred Johnson and family visited at the Fred Miller home Sunday.

Another new line of wash goods just received. C. Anderson Co.

D. C. Heffernan and wife attended the funeral of Mr. Beacom at Waterbury the first of the week.

The picnic given at the C. M. Rasmussen home was quite well attended.

George Timlin was in Homer Saturday.

Kimonoes and aprons, cheaper than you can make them, at C. Anderson Co's.

Frederick Renze took a load of girls to Sioux City Sunday.

Ras Nelsen is sporting a bran new driving team.

Gene Leedom had a couple of ribs broken while in town last Saturday.

Embroideries, laces and dress trimmings in the latest styles, at C. Anderson Co's.

Charlotte Hartnett is visiting at the Mike Farrell home.

Corra, Mabel, Willie and Albert Sorensen visited friends here the first of the week.

Mr. and Mrs. Rasmus Nelsen and family celebrated the Fourth with friends near Homer.

Quantities of Oxfords and cool summer shoes at C. Anderson Co's.

Tom Long and Herman Renze were in Jackson Saturday.

Christine Beck, Lizzie Rasmussen, Alice Howard, Bonnie Hartnett and Veronica Heffernan celebrated the Fourth in Emerson.

Frederick Renze came home Saturday to spend the Fourth with his parents. He returned Tuesday.

We can use all your produce, but eggs and at the best market price. C. Anderson Co.

Guy Anderson came down Tuesday to see the home folks.

Mr. and Mrs. Adolph Johnson visited the first of the week at the H. Johnson home.

Christine Beck spent Monday and Tuesday with Alice Howard.

We have a fine line of the best groceries for outings and lunches. Saves the housewife lots of work. C. Anderson Co.

Mrs. Reise and children were in Pender Monday.

A local company is being formed to purchase and take over the Hubbard telephone. If the deal is made some needed improvements will be made.

Geo. Deroin and Miss Flora Francisco were granted a marriage license in Sioux City last Saturday. Congratulations.

Mrs. Middleton and children are visiting relatives at Brunswick, Neb.

Hobart Kearney, wife and daughter, of Murdo, S. D., are guests in the Lee C. Kearney home.

Mary Quinn departed last Saturday for Lincoln to attend summer school.

The Misses Rita Jones and Marie Ryan were among those who celebrated in Emerson last Saturday. They were over Sunday guests in the W. C. Ryan home.

Rev. Felix McCarthy left Sunday evening for a month's vacation. His place is being filled by Rev. Fr. Harrington.

Nellie Hogan returned Monday from a week's visit with relatives and friends in Sioux City.

Benetta Hall departed last Friday for Sibley, Ia., to spend the Fourth with her brother Raymond, who is located there.

As Jackson didn't celebrate this year the patriotic ones celebrated in Ponea, Emerson and Pender, where good times were enjoyed.

U. G. Payette, who worked around here the past year departed for Claremore, Okla., last week to visit his wife, who is living there.

Mrs. Ella Maloney attended the funeral of the late Mr. D. Beacom here Tuesday and was a guest at the Will Hartnett home.

Margaret O'Connell, of Barry, Minn., is a guest in the P. Nichols home. The O'Connell family formerly lived here.

The Jackson ball team went to Bronson, Ia., Saturday and defeated Bronson by a score of 1 to 0. They went to Pender Monday and were shut out by a score of 7 to 0.

Mrs. J. M. Kennelly went to Omaha last Saturday morning where she will undergo an operation for the removal of a tumor. She was accompanied by her husband and Dr. Magirl.

Loretta, the little daughter of W. J. Riley, was painfully bruised Sunday evening. In company with other playmates she fell off a box car on the switch track on her face, bruising it very badly, but luckily no bones were broken.

Dennis Beacom died at his home near Vista, Neb., Saturday, July 3, 1915, after a short illness, age 64 years.

The deceased is survived by a widow and four children. Funeral services were held from the Catholic church at Vista Tuesday morning, interment being made in St. John's cemetery.

THEODOR.
Theodore Thompson went away Friday to remain till after the Fourth.

Hand Rockwell and son-in-law Ed Munger returned Sunday from their trip to New York and Indiana.

Mrs. Rachael Kinnear returned from Humbolt, Ia., Sunday, after a visit with her mother, who is quite ill.

Charley Smith came in from Bassett, Neb., Sunday.

R. L. Smith came down from Sioux City Sunday to spend the Fourth with his daughter, Mrs. Chas. Holsworth.

Mrs. Charley Bates and son Amberg were south bound passengers Sunday, returning in the evening.

Mrs. August Wilkins, daughter Elsie and niece Emma, were Walthill visitors Sunday.

Albert Bristol took Will Bristol to Winnebago Monday to help Johnnie Hunter in tearing down a building and building a new one.

D. C. Bristol bought a new Saxon, trading his old auto in on it to Killemer Bros.

Marvin Armour has threatened himself to a new Maxwell.

Dr. C. H. Maxwell was a Homer visitor Thursday.

Lightning struck Ern Harris' barn Wednesday, burning the wire on a bale of straw, but did not set it on fire. The horses were in the barn but were not injured.

Mr. and Mrs. Dailey were north bound passengers Friday.

John Sullivan and wife and Geo. Johnson, from Nacora, were shopping in Homer Friday.

Mrs. Sherman McKinley and son Sherman came down from South Sioux City Saturday to spend the Fourth with home folks.

Mrs. B. McKinley went to South Sioux City Saturday.

E. J. Smith and wife and Leon Ream and wife autoed to Pender Tuesday.

Mrs. and Mrs. D. C. Bristol and sons Albert and Harold autoed to Sioux City and Crystal Lake Monday to spend the Fourth.

James Allaway and wife and Jimmie Allaway and family, Will Leamer and family and Ed Ross and family autoed to Crystal Lake Monday to celebrate.

Mrs. H. E. Wagner and baby, Miss Elsie Wilkins and Fred Wagner went to LeMars, Ia., Monday to visit till Wednesday at the J. E. Wagner home.

Mrs. Billy Carter went to Omaha Sunday to visit relatives and friends for a few days.

The Dane annual picnic was held at the Chris Rasmussen place Sunday. Homer and vicinity was well represented by Americans as well as Danes and a good time reported.

A good time was reported from the picnic held at the Ern Harris home Sunday.

The Thacker family were visitors at Crystal Lake Monday.

Orval Lake and family, of Omaha, and Vern Lake and family, of South Sioux City, were Homer visitors Monday.

SALEM.
Miss Amy Culbertson entertained the T. B. H. D. club last Wednesday. Eighteen members were present. A two course luncheon was served at 4 o'clock. Miss Alice Swan, of Sioux City, was a guest. On account of the storm that evening eight of the club members remained all night.

Mrs. John Delaney has traded her farm to Guy Delaney for property in South Sioux City.

Mrs. Frank Leamer returned Wednesday from a month's visit with relatives at her former home in Seneca, Pa.

George Heikes and family were guests at the Geo. W. McBeath home in Dakota City Monday.

Mrs. J. J. Viets, of Berlin, Conn., arrived Saturday for a visit with her mother, Mrs. H. Bodenbender, and other relatives.

S. A. Heikes got kicked on the knee by a vicious cow Tuesday and is laid up for repairs.

W. W. Armour and Miss Nettie Selby, of Dakotah, Ia., are visiting at the T. F. McGlashan home.

GOODWIN.
M. Hawk, C. Christensen, J. Olsen and W. Hungerford were city passengers Thursday.

John and Frank Duggan are visiting friends and relatives in Sioux City.

Henry Knudsen and Amanda Mogensen spent the Fourth at Ute, Iowa.

Mrs. Martin Hawk visited at the C. Anderson home Monday.

W. Franklin autoed to Bronson, Ia., Sunday.

Mr. and Mrs. G. Withers and Mr. and Mrs. C. Anderson visited at the A. Anderson home Sunday.

M. Hines and C. Anderson had a load of hogs on the market Friday.

A Newspaper That's Right.

Our readers will be interested in the Sioux City Tribune. It is one of the few papers in the country that one cannot, if interested at all in the movement of humanity and in public affairs, afford to be without. It furnishes all the news of this section, knitting together the related interests of Iowa, South Dakota and Nebraska, reports the latest news of the great European conflict quickly and admirably, and editorially interprets the news with phenomenal accuracy. Subscriptions for it may be made through this office or through the postoffice at the low price of \$2 a year.

Dakota City Grocery

Specials for Saturday Only

- 3 roc bars of Trilby Soap - 25c
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- 3 Cans of Peas - 25c
- 2 Cans of Tomatoes - 25c
- 3 Cans of Corn - 25c

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