

The McCook Tribune.

Monday Evening Edition

THIRTIETH YEAR.

McCOOK, RED WILLOW COUNTY, NEBRASKA, MONDAY EVENING, FEBRUARY 26, 1911.

NUMBER 79.

Seed For Sale

Red Spring Wheat
Barley and Corn

UPDIKE GRAIN CO.

S. S. Garvey, Manager Phone 169

Costly Wreck.

As the details of the wreck near Stratton, on Thursday morning to freight No. 70, became known, it develops into one of the costliest freight wrecks on this division for some time. The Denver Post places the total loss at \$50,000, which is perhaps too high. But the loss includes 70 head of fat steers, 300 sheep, several carloads of merchandise of different kinds, fourteen freight cars, much damage to track, repairs, labor, etc., which may push the total up uncomfortably near the total indicated. A broken wheel was the cause of the wreck. The unburned portion of the wreck was brought to McCook, Saturday.

Snow Storm Sunday.

Commencing about 11 o'clock Sunday morning, a snow storm prevailed in this section of state during the remainder of the day, accompanied by a northeast wind which drifted the fine snow considerably. The level was between 4 and 5 inches.

Poultry People Notice.

We will deliver free of charge from one to three sacks of straw, as you wish, along with your order for feed. Please do not order straw until you order feed, so that we can take both in one delivery. —19-2w.
McCOOK MILLING CO.

Get our rates on farm loans.
DORWART & BARGER.

McConnell for drugs.

Everything in drugs. McConnell.

Fidelity to deity and humanity travels along parallel lines.

Wedding Breakfast, White Rock and pure maple syrup at Magner's. Phone 14.

The W. C. T. U. will meet with Mrs. J. S. Miller, next Thursday afternoon, Mrs. Lewis Cann, leader.

Your teeth will last one hundred years if you will use Rexall Pearl Tooth Powder.
McCONNELL, Druggist.

Classified Advertisements

FOR RENT — Two furnished rooms for light house keeping. Inquire 216 West B St. Phone black 271.—44f.

WANTED—Pupils on the piano and organ. Beginners preferred. Terms 50c per lesson. Susie McBride. Phone black 464.

FOR RENT OR SALE — The Blue Front livery barn. See M. O. McClure at Bullard Lumber Co. office.—25-tf.

FOR SALE—9-room residence; modern; 2 lots; desirable location. 899 24 E. Phone black 267.

Found — Place to have carpets cleaned. 5 cents a yard. Phone black 74.

FOR SALE — 160 acres land, 5 miles south, 1 1/2 miles east of McCook. Terms, \$1,600 cash. Mary E. Battershall, owner, Okarche, Okla.—4tw.

FOR SALE—S. W. 1/4 sec. 35-7-31, Hayes Co., Neb. \$20 per acre, one-third cash.

FOR SALE—W. 1/2 of W. 1/2 Sec. 13-1-31, Hitchcock Co., Neb. \$8 per acre, one-third cash, balance 6%
W. J. FRYER,
24 Cooper Bldg, Denver, Col.

FOR SALE—Three large chick en coops. Call phone 214.—26.

FOR SALE—Good work horse. Cheap, if taken at once. Phone 25
CARL MARSH.

Regretted Error.

By a "make-up" error, in last Thursday's Tribune, a final paragraph referring to the death of Martin Yager was printed at the end of an article referring to the death and burial here of the late Peter Carty. Of course, the unintentional nature of the error will be easily seen by all—but it is regretted deeply by the publisher.

March 8th Date Set.

The railway commission has indefinitely postponed a hearing set for March 8, on the complaint of the city of McCook which asks for a reduction of Bell telephone rates in that city. This action was taken by the commission because the parties on both sides say they are not ready for a hearing.—Lincoln Journal.

Died at Danbury.

J. H. Rice passed away at Danbury, Saturday morning. Deceased was for a number of years a resident of South McCook, previous to his removal to Danbury. Mr. Rice was a member of Macabee lodge of this city. The body was brought here, today, for burial, which was given under auspices of the lodge.

The New Way

of smoking meat. We have a pure wholesome liquid smoke, with the desirable elements of hickory wood, without any dangerous substance.
McMILLEN, Druggist.

Denver Property.

6-room modern home, 2-story pressed brick; fine location, east side; for sale, or will trade for McCook property.—184f.
F. W. BOSWORTH,
524 Main Ave. McCook

Subscriptions.

Don't forget that Barney Hoffer will save you money on subscriptions, new or renewal, for any paper or magazine published. Get his new club catalogue.

McConnell fills prescriptions.

Kodaks—Kodak supplies.
McCONNELL, Druggist.

For Mackrel, white Fish, Salt Salmon and Codfish, come to Magner's. Phone 14.

Those who know, know there are no later styles in hand bags than those we are showing.
L. W. McCONNELL, Druggist.

The seniors and juniors met in a base ball battle, Friday afternoon, with a resultant score of 14 to 9 in favor of the seniors.

All the latest ideas in wall decorations are embodied in our spring stock of wall paper. They are worth seeing. See them soon
McCONNELL, Druggist.

Called meeting of the Methodist Ladies' Aid society is announced for Wednesday afternoon at the home of Mrs. F. A. Munden.

Episcopal—Sunday, March 3d. Sunday school at 10. Holy Communion and sermon at 11. Evening prayer and sermon at 8:00. The Ladies' Guild meets with Mrs. Morrissey. Alfric J. R. Goldsmith.

There is philosophy of value in the homely advice, "Better bear the ills you have than flee to those you know not of." More than one has left the Red Willow county pan to fall into the fire in Canada and elsewhere.

The cough that has continued until it has become chronic must be cured by something other than an ordinary cough remedy. A reconstructive tonic like Rexall Cod Liver oil is necessary. This cures stubborn coughs and all wasting diseases. Price \$1.
McCONNELL, Druggist.

Professor Swenson of the Hitcheok high school, formerly a football star at Peru state normal, has been appointed head of the physical education department of River Falls, Wis., state normal. The appointment was upon the recommendation of J. W. Crabtree, president of the normal and formerly of Nebraska. — Lincoln Journal.

IRRIGATION DITCH MEETING

A Mass Meeting Will Be Held in the Red Willow County Court House

ON THURSDAY AFTERNOON, FEBRUARY 29th

To Hear the DeRemer & Olson Irrigation Proposition in Detail—Prominent Speakers Will Be Present—Let There Be a Large Attendance at This Important Meeting.

As indicated in Thursday's Tribune, we are able to announce that the mass meeting referred to then in the furtherance of the big ditch and reservoir proposition will be held in the court house in McCook, Thursday afternoon of this week, February 29th, beginning at one o'clock. At this meeting, Messrs. DeRemer and Olson of Denver, who are back of the proposition, will be present. It is expected to have some speakers of prominence here from Denver, as well as from this state, men who are experts in this line, and will doubtless be able to give the meeting advice and information of value.

The proposition is the most important ever placed before the citizens of Western Red Willow county. It is momentous in im-

portance, and stupendous in figures—a matter not to be approached with levity or entered into without the most serious, thoughtful and intelligent consideration and investigation.

Let the people come out and hear for themselves and then investigate deeply and wisely.

It is not necessary now to indicate the value of a successful reservoir and irrigation ditch project. All thoughtful, intelligent people already know. The questions involved are: Is the proposition feasible? Is the expense reasonable? Are the assurances and guarantees of the promoters sufficient? Are the interests of the people properly and sufficiently safeguarded.

Come out and hear.

How dear to our heart is the steady subscriber
Who pays in advance at the birth of each year,
Who lays down the money and does it quite gladly,
And casts round the office a halo of cheer.
He never says—"Stop it; I can not afford it,
I'm getting more papers than now I can read."
But always says—"Send it; our people all like it—
In fact we all think it a help and a need."
How welcome his check when it reaches our sanctuary,
How it makes our pulse throb, how it makes our hearts dance.
We outwardly thank him; we inwardly bless him—
The steady subscriber who pays in advance.
—Exchange.

SOCIAL AND LITERARY.

Boyd Willetts was thoroughly surprised, Thursday evening, the occasion of his 16th birthday, by the girls of Miss Claire Thursby's Sunday school class and the boys of Miss Millicent Slaby's Sunday school class, the B. B. Cs. The decorations and menu were patriotic—"The Father of His Country" and Boyd sharing the same natal day. In the serving of the appetizing content of the commissary the boys officiated with skill in cafeteria style.

Mrs. Juliet Walker entertained about twenty lady friends at bridge whist, Saturday afternoon. Three-course refreshments were served. Dark red carnations and pink carnations and ferns were the decorative details in the home. Mrs. O. M. Knipple carried away the honors of the playing, and Mrs. C. D. Ritchie the consolation. The ladies assisting were Mrs. A. Galusha, Miss Juliet Galusha and Miss Zella Taylor of Red Cloud.

PERSONAL MENTION.

Frank S. Value was a Saturday business visitor in the city.

A. L. Rice, postoffice inspector, was in McCook, Friday, on business of inspection.

Mrs. John Lankas returned home, Sunday morning, from her visit in Omaha and other points in eastern part of state.

Carl Bates will leave tomorrow night for a business visit to Superior, Lincoln, Omaha and other points in the state.

John W. Green of the Bank of Wauwata was down to see the folks, Friday night, returning up the line, on Saturday morning.

E. E. Magee came up from Aurora, Neb., Sunday on No. 1, to visit the children a few days. He is a guest in the publisher's home.

Miss Claire Thursby was able to resume her work in the school room, this morning, after an absence of a week on account of accidental injuries.

Miss Maud McMillen entertained the Young Ladies' Whist club Thursday evening, in traditional style. Whist playing and refreshments engrossed attention.

Mrs. W. R. Starr was hostess at the Au Fait club gathering, Friday afternoon. A five o'clock dinner in two courses was the gastronomic particular. Mrs. W. E. McDivitt assisted the hostess. Mrs. Elizabeth Walker was a special guest.

Mr. and Mrs. O. M. Knipple entertained the J. O. C. club, on Thursday evening. The decorations were appropriate to Washington's Birthday, hatched and cherries and patriotic colors in evidence. A seven o'clock dinner was served; there were souvenir hatched at each guest's plate and the napkins were in cherry design. Mrs. H. P. Sutton, Mrs. C. R. Knowles and Miss Helen Knipple assisted. Mr. and Mrs. Albert McMillen, Mr. and Mrs. J. G. Stokes, Mr. and Mrs. Albert Barnett, Mr. and Mrs. H. P. Sutton and Mr. and Mrs. Frank Real were guests.

The Barney Lewis Special.

Barney Lewis the engineer stepped up town on an errand Wednesday and in an error somehow the train went off and left him; the fireman starting out on the signal, likely supposing that Barney would catch on and show up, but Barney missed connections. The Hoff special was sent up from Palisade (the gasoline car) and took him to Culbertson to take his train, which was held for him. As the train had on several cars of hogs it had to make Culbertson for the Denver stock train.—Wauwata Breeze.

Come and Pay.

All book accounts due the Huber store should be paid at once. I will be at the store from 9 a.m. to 4 p. m., this week to receipt any desiring to pay.—26-2tw.
C. NADEN, Trustee.

The state department has appointed Dr. J. F. Hart of our city as stallion inspector, and the doctor will look after much of the work of that department in the state west of here in Hitchcock, Hayes, Chase and Dundy counties during the next few weeks.

THE SEED BED.

By Dr. W. E. Taylor, Director
Soil Culture Dept., Deere
& Co., Moline, Illinois.

Primarily I want to impress upon the mind of the farmer the fact that good farming involves at least four essential features all of equal importance and all interdependent, and a neglect of one of them will be sooner or later reflected in products of the farm. The four steps or operations are as follows:

1. The seed bed.
2. The fertility which involves the necessity of stock raising.
3. Seed selection and breeding.
4. Cultivation and crop management.

We will first consider the seed bed; how it should be made and what it should contain.

The seed bed is the home of the plant. From the seed bed the plants receive their essential requirements, namely, food, air, water and warmth.

Plant requirements.—Plant requirements, like those of animals, are exacting. The laws of life and development of the plant permit of no repeal, nor will they tolerate radical interference. Plants like animals may subsist on a starvation diet and in an unsanitary environment, but under such conditions growth and production is unprofitable. The best results are obtained only when nature's laws are observed, and quantity and quality of everything that enters into the growth of either plant or the animal are provided.

Air.—Plants require air, and it should not only be accessible to the stalk, branches and leaves, but it is absolutely necessary that a sufficient amount be in seed bed within reach of the plants and roots.

Nature lavishly supplies the plant with abundance of atmospheric oxygen and carbon above the ground, but it devolves upon the man to so make and maintain the seed bed that the parts of the plant below the surface will also have an abundance of free oxygen.

Soil is composed of crystals and particles of disintegrated rock, containing chemical elements, irregular surfaces of the particles do not permit them to come in close contact with each other. The intervening spaces are equal in volume to the particles of soil, that is, approximately fifty per cent of the volume of the average soil is air spaces. These spaces are intended for the circulation of air and the passage of minute roots. Oxygen enters the soil in various ways and is utilized by the plant roots, and thru the same air spaces carbonic acid gas and other noxious gases pass out. If from any cause ground is sealed up. If the air spaces are clogged either by water or silt, the plant suffers from two things, namely: auto intoxication, caused by the presence of poisonous gases, and smothering ensues on account of the absence of atmospheric oxygen. Plants in this respect are not unlike animals, for if a man or an animal is placed in a closed room where noxious exhalations are breathed and fresh air is not admitted, the man or animal perishes. Common reasoning should teach us how to rectify the condition, but too often we do not reason; we are content to blame nature's elements or attribute the deficient harvest to lack of fertility of the soil.

Too much water in the seed bed may be the cause. The water line or sheet water may be so near the surface that the surface soil is constantly surcharged with water, or a hard pan may exist preventing percolation of water to the deeper subsoils, thereby holding it in the seed bed. In either case the surface water should be removed.

Drainage.—Drain tile is a most effectual remedy. If, however, the texture of the soil is of such a nature that a free subsurface flow is permitted, ditching will serve the purpose as well as tile. The benefits of tile drainage are:

1. The removal of surface water between the plane of the tile and the surface of the ground.
2. Physical improvements of the soil, rendering it porous and mellow.
3. The admission of atmos-

pheric oxygen and carrying off heavy noxious gases.

4. Rendering the soil several degrees warmer than undrained ground.

5. Increasing the water absorbing qualities, thereby storing more water in the deeper subsoils.

6. Preventing the washing away of soils and soil fertility.

7. Destroying hard pan.

While drain tile and ditches are splendid means of ventilating the seed bed, we are mindful of the fact that all farmers cannot resort to these expedients.

Except where soil is soggy, deep plowing and deep tillage are nearly as beneficial as drainage. If the subsoil is loose, rendering the sub-flow free, deep plowing is more desirable than tile especially in sections where the rainfall is abnormally low.

Water.—It is hardly necessary to state that plants require water not in minute but very substantial quantities. It requires about three hundred pounds of water to make one pound of dry material or to mature an average acre of corn or grain it requires from four to six hundred tons of water. The soil water, holding in solution plant food, is carried thru the plant, performs its functions and is evaporated through the leaves. Soil moisture together with humus, equalizes in a great measure soil temperatures, dissolves chemical elements and distributes them, and in a great measure contributes to the life and activity of the soil.

Water is found in the soil in three forms, namely:

1. Hydrostatic, or gravitational.
2. Capillary water.
3. Hygroscopic, or vapor water.

Hydrostatic Water:—Hydrostatic water is the water that falls on the surface in the form of rains or by artificial irrigation. If this water exists in excessive amounts and percolates slowly, saturating the soil to the extent of filling the air spaces between the particles of soil for a protracted period thereby driving out the air, it works disaster to the crop. If, however, the ground is of good tilth, and the seed bed is deep and free from hard pan, the downward movement is sufficiently rapid to prevent smothering of the plant. If a hard pan exists, which is rarely the case where deep plowing is practiced, but is usually found where the practice is to plow shallow, the soil remains saturated, rendering it cold, sour and lifeless. Deep plowing and subsoiling where it is needed, are usually sufficient to properly take care of ordinary rainfalls.

Capillary Water:—Capillary water is the reverse of hydrostatic water in its movements. Water is stored in the deeper subsoils and by the process of attraction it moved upward, passing from soil particle to soil particle, enveloping each with a film of moisture until the surface is reached. This water dissolves plant food elements and distributes them. It also forms chemical combinations, making plant food compounds and holds them in solution until they are utilized by the plant. The root hairs, or food and water gatherers pass between the soil particles throwing out their minute tentacles which wrap around the particles of soil absorbing by the process of osmosis nourishment and sending it through the plant arteries performing its functions of life and growth.

It is needless to say to the observing farmer that this process is not carried on in saturated soil for but few farmers have not observed the absence of a crop where water has stood or the ground has been completely saturated for any considerable length of time.

Hygroscopic Water:—Hygroscopic water is the moisture that is found on soil particles but is not subject to movement either by gravity or by capillary attraction. More or less moisture exists in the air, and as the air enters the soil the moisture adheres to the particles. This water probably plays little or no part in dissolving or distributing plant food, but at the same time it will quench in a measure, the thirst of sun-burned plants in semi-arid regions.

(To be continued.)