

SPECIALLY WRITTEN FOR RURAL READERS.

INFORMATION ABOUT AGRICULTURAL SUBJECTS FROM RELIABLE SOURCES

Out of the special session of the legislature which just finished its nine days of deliberation, the farmers are directly interested in two bills passed, and several resolutions. The bills of direct interest, is one removing the restrictions which hampered state banks from rediscounting war finance money, and the other the appropriation bill, which reduced the biennial appropriation of last session \$2,651,755.

Under the bank bill it will now be possible for state banks to rediscount farmers' paper through the war finance corporation without fear of exceeding the amount of its paid up capital stock and reserve, a restriction which up to date has prevented most banks from freely handling these funds.

Resolutions opposing the "matching of dollars with the federal government" for public improvement; creating a special committee to investigate the road building program; opposing the issuance of tax free securities; and favoring the Great Lakes, St. Lawrence waterway project, might well have been resolutions adopted by a farm bureau convention instead of the state legislature.

A concurrent resolution giving the state tax commissioner authority to make a study of tax questions was also passed.

Aside from the reappropriation of the capital fund of two years ago, and defeat of the gasoline bill, the special session dealt with no subjects of special interest to farmers other than those first mentioned.

The freezing points of a large variety of vegetables and fruits, which are likely to be subjected to freezing conditions during harvesting, handling, or marketing, have been the object of special studies in the bureau of plant industry of the United States department of agriculture. Between 15,000 and 20,000 determinations have been made, including the freezing points of 25 varieties of apples, 22 kinds of strawberries, 18 varieties of potatoes, 19 different types of sweet potatoes, 19 tomato varieties, and

many varieties of cherries, grapes, peaches, plums, blackberries, raspberries, cranberries, and some cut flowers, particularly peonies, roses, and lilies. Besides this general study, the work is being continued with the principal fruits and vegetables which are liable to be in danger of freezing either in transit or on the market. In this work the methods of detecting freezing injury, the rate at which fruits or vegetables freeze in constant low temperatures are determined.

The freezing points were determined for 18 standard varieties of Irish potatoes, grown under the same cultural conditions, harvested at the same time, and stored at the same temperatures. The freezing point apparently varies with the variety and shows a tendency to vary with the family group. It has been shown that potatoes can frequently be exposed to temperatures much below their freezing points if they are not disturbed until the temperature is again above the freezing point. This is an important consideration to potato growers and handlers.

By using the school district as a unit and employing the services of nearly all organizations interested in the public welfare a very successful antirats campaign was recently put on in Utah. One of the assistants of the Biological survey of the United States department of agriculture reports that 17,674 rats were caught in traps and killed by means other than poison. It was, of course, impossible to determine how many of the rodents were poisoned, but altogether 1,250 pounds of barium carbonate poison were used, and thousands of the pests must have been killed in this way. Dealers reported that great numbers of traps were sold.

Various phases of the riddance work were brought out in the different classes in the schools, and repairing buildings and rat proof construction work was taught to more than 12,000 students in the manual training classes. Approximately 30,000 essays and 37,000 posters and drawings on rat eradication were submitted by 61,238 school children. It is estimated that some 125,000 people were reached by demonstrations, bulletins, circulars, etc.

A follow-up investigation brought out some interesting facts concerning conditions that foster rats. For instance, of the residents of Salt Lake City reporting rats on the premises, 60 per cent kept chickens. A high percentage of those reporting rats

lived either in poorly constructed houses, kept no garbage receptacles, or had piles of rubbish, boards, and other material lying around the place. Such food supplies and shelter attract the rodents and give them a good opportunity to multiply. But such concerted action as was taken in Utah demonstrates the practicability of eradication.

The gathering of mussels forms an important industry in some parts of the middle west. The mussel fisherman's outfit consists of a boat and a pair of dredges. A dredge is composed of ordinary gas pipe, whereto a number of hooks are attached, each hook showing four prongs.

Fastening a stout rope to his dredge, the hunter drops it overboard and as the boat drifts with the current, the dredge drags along the bottom of the stream. The mussel lies with shell open, and when a prong strikes within the opening of the mussel's two shells, the deluded mollusc, under the impression that it has captured something edible, closes down on the hook with a vise-like grip. After floating for twenty or thirty yards, the dredge is pulled up and the remaining dredge is dropped from the opposite side of the boat. It is not unusual for a fisherman to capture as many as one hundred mussels at a single drop of the dredge.

When the fisherman has as many mussels as his boat will conveniently carry, he rows ashore and undertakes the "cooking out" process. The mussels are transferred from the boat to a tank that holds from five hundred to one thousand pounds. Here the mussels are boiled for an hour, loosening the meat from the shell. The shells are placed upon a platform, where they are sorted and cleaned for shipment. The price paid for the shells in ton lots frequently touches the \$10 mark.

While the shells form the principal product of the mussels, the fisherman not infrequently has the luck of finding a valuable pearl in his catch. A pearl to be of first quality must be of good luster and of round, button, or pear shape. If they are irregular in form, but have brilliant colors, these pearls still have some value. An irregularly shaped pearl to be of any great value should be not less than one-eighth of an inch in diameter, and in color should be white, pink, purple, brown, or black. Very often the mussel fisherman find pearls of perfect shape, but of dull lead color. These are worthless and are known as "dead pearls."

Another product of the mussel deserving mention is the "slug." The slug is always irregular in form, and is composed of the same matter that goes to make up the pearl although it does not possess sufficient brilliancy to be classed as a baroque.

Slugs are employed in the manufacture of cheap jewelry, and the price for them ranges from \$1 to \$1.50 an ounce.

Pearls, baroques, and slugs are thought to be formed by the mussel as a means of protection against irritation. A foreign substance, such as a grain of sand, effects an entrance between the shells. This irritates the mussel, and to protect itself it envelops the offending object in a coat of mure of varying thickness.

The Farmer's Auctioneer
H. M. JOHANSEN,
North Platte, Nebraska.
Phone 783F3

For those who do not have enough stock or machinery for a general farm sale, I am located so I can hold a combination sale at North Platte or at the Fairview dairy 1 1/2 miles west of town. I have always got enough stock or machinery listed with me so we can hold a combination sale any time.

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NOTICE OF PETITION
Deeler, Crosby & Baskins.

Estate No. — of Jane James, deceased, in the County Court of Lincoln County, Nebraska.
The State of Nebraska. To all persons interested in said Estate take notice that a petition has been filed for the probate of the will of said deceased, and for the appointment of L. E. Mehlmann as Administrator with the Will Annexed of said Estate, which has been set for hearing herein on March 3rd, 1922, at 10 o'clock a. m.
Dated February 2, 1922
(Seal) WM. H. C. WOODHURST, County Judge.

NOTICE OF FINAL REPORT.

Estate No. 1765 of Bernard Miller, deceased, in the County Court of Lincoln County, Nebraska.
The State of Nebraska, to all persons interested in said Estate take notice that the executor has filed a final account and report of his administration and a petition for final settlement and discharge as such, and for decree of distribution and heirship which have been set for hearing before said court on March 10, 1922, at 10 o'clock A. M., when you may appear and contest the same.
Dated February 9, 1922.
WM. H. C. WOODHURST, County Judge.
(Seal)

NOTICE OF SALE OF COLLATERAL SECURITY

Notice is hereby given that by virtue of a collateral note dated September 24, 1921 for the payment of the sum of Five Thousand Five Hundred (\$5,500.00) Dollars on December 24, 1921 with interest at the rate of 10 per cent per annum after due, and payable to McDonald State Bank, North Platte, Nebraska, and made executed and delivered by H. L. Pennington, under and by virtue of said collateral note, capital stock certificates of The Leypoldt & Pennington Company of North Platte, Nebraska, in the total amount of Ten Thousand (\$10,000.00) Dollars, represented by its certificates No. 8 for fifty (50) shares and No. 9 for fifty (50) shares, the par value of each share of which is One Hundred (\$100.00) Dollars, each certificate bearing date October 20, 1919, executed by the President and Secretary of said The Leypoldt & Pennington Company of North Platte, Nebraska, having been pledged as security for the payment of said note and actually delivered to said McDonald State Bank by said H. L. Pennington, and assigned by said H. L. Pennington in blank and now in the possession of said McDonald State Bank, North Platte, Nebraska, and default having been made in the payment of the amount due upon said note, and no suit or other proceeding at law having been instituted to recover said debt or any part thereof therefore, said McDonald State Bank of North Platte, Nebraska, will sell the property in said collateral note described, viz: Capital Stock Certificate of The Leypoldt & Pennington Company of North Platte, Nebraska, represented by Certificate No. 8 for fifty (50) shares, and represented by Certificate No. 9 for fifty (50) shares, each of the par value of One Hundred (\$100.00) Dollars, each certificate bearing date of October 20, 1919 executed by the President and Secretary of the said The Leypoldt & Pennington Company, North Platte, Nebraska, and issued to said H. L. Pennington at public auction at the banking house of McDonald State Bank, North Platte, Lincoln County, Nebraska, on the 28th day of February, 1922 at the hour of 2 o'clock P. M. of said day.
Dated this 4th day of February, 1922.
MCDONALD STATE BANK.
By W. H. McDonald, Its President.

J. J. WILSON—DENTIST
OPPOSITE McCABE HOTEL, OVER STAMP'S BAKERY. PHONE 71.
EXTENSION ROAD NO. 394.

To Whom It May Concern:
The special commissioner appointed to locate a public road as follows: Commencing at the southeast corner of Section 10, Township 11, North Range 30, thence west between sections 10 and 15, and 16 and 9 said Township and Range, also commencing at Southeast corner of Section 10, Township 11, Range 30 thence east between Sections 11 and 14 said Township and Range, also commencing at the southeast corner of Section 10, Township 11, Range 30 thence south between sections 14 and 15 said Township and Range, road to be 66 feet wide, has reported in favor thereof all objections thereto or claims for damages by reason of the establishment of above described road must be filed in the office of the County Clerk on or before 12 o'clock noon of the 7th day of April 1922, or said road will be allowed without reference thereto.
Dated at North Platte, Nebraska this 16th day of January, 1922.
A. S. ALLEN, County Clerk.

LEGAL NOTICE

To Clyde M. Trotter, and all persons having or claiming any interest in Lot Ten (10) of Block Two (2) of Riverdale Addition to the City of North Platte, Lincoln County, Nebraska, real names unknown.

You and each of you are hereby notified that Anna Voss as, plaintiff, commenced an action against you and each of you in the District Court of Lincoln County, Nebraska, on January 30, 1922, the object and prayer of the petition filed therein, being to quiet title in the plaintiff, Anna Voss, to all of Lot Ten (10) of Block Two (2) of Riverdale Addition to the City of North Platte, Lincoln County, Nebraska, against any interests in, rights or title to, or lien upon said property, of any of the defendants in said action; to bar the defendants and each of them from all interests in, rights, or title to, or lien upon said property and to enjoin said defendants and each of them from ever claiming or asserting any interests in, rights, or title to, or lien upon said real estate. You are required to answer said petition on or before the 13th day of March, 1922.

ANNA VOSS, Plaintiff.
By WM. E. SHUMAN, Her Attorney.

NOTICE TO PAVING CONTRACTORS.

Notice is hereby given that the Mayor and Council of the City of North Platte, Nebraska, will receive bids for paving, curbing and other street improvements in Paving District Nos. 3, 4, 5 and 6 in said City according to plans and specifications adopted and now on file in the office of the City Clerk of said City.

Said bids to cover the following types of pavement, Vertical Fibre Brick, Asphaltic Concrete, Sheet Asphalt, Reinforced Concrete and Warrentite Bitulithic.
The Engineer's estimate on the cost of paving said four districts comprising approximately 70,000 square yards is as follows:

Warrentite Bitulithic
Straight curb \$.85 per ft.
Concrete drain box 1.35 per ft.
Concrete tiling55 per ft.
Grading and finishing65 per cu. yd.
Vertical Fibre Brick
on 5" Conc. base - 3.90 per sq. yd.
Asphaltic Concrete
on 5" Conc. base - 2.90 per sq. yd.
Sheep Asphalt on 5"
Conc. base 3.05 per sq. yd.
Reinforced Concrete 2.80 per sq. yd.
Warrentite Bitulithic
on 6" Conc. base - 3.35 per sq. yd.
Fir headers and
posts complete50 per ft.
Bids must be on file with the City Clerk on or before eight o'clock P. M. of February 24th, 1922 at which time they will be opened before the Council.

They must be made on the proposals in the specifications filling but one proposal for each district separately and one proposal covering the four districts if awarded together.

The proposals must not be detached from the specifications and must be accompanied by a certified check payable to the City Treasurer for an amount equal to three per cent of the bid made.

Said specifications shall be furnished to Paving Contractors only, upon applications to the City Clerk for a fee of Five Dollars; said amount to be returned when plans and specifications are returned to City Clerk.

The Mayor and Council reserve the right to reject any or all bids.
By order of the City Council of North Platte, Nebraska.
February 7th, 1922.

E. H. EVANS,
Mayor.
O. E. ELDER, City Clerk.

\$1.50

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