



**SPECIALLY WRITTEN FOR RURAL READERS**

**INFORMATION ABOUT AGRICULTURAL SUBJECTS FROM RELIABLE SOURCES**

The University of Nebraska Agricultural College has recently issued extension circulars as follows: No. 5, "Disinfection and Disinfectants", No. 221, "Some Important Factors in the Prevention of Swine Diseases"; No. 1411, "Graded Eggs bring Better Prices"; No. 1412, "Fowl Cholera"; No. 1413, "The Essentials of Poultry Hygiene"; and has received from the U. S. Department of Agriculture its circular No. 230, "Home Tanning". These circulars are for free distribution through county Agricultural Extension Agents. Residents of counties having no agent may secure publications by writing to the College at Lincoln.

The State Agricultural experiment stations of the United States are studying 4,770 specific problems relating to the agricultural industry of the country, according to a compilation of project subjects recently made by the United States Department of Agriculture. Broadly grouped, there are 1,960 projects dealing with agronomy subjects, including field crops, soils and fertilizers, or about one-third of the total; 932 botanical and horticultural problems under investigation; animal industry subjects, including dairying and dairy products, comprise about one-eighth of the total, leaving three-eighths of the products for all other subjects.

Canning powders can not be relied on for safety from food poisoning, according to the Bureau of Chemistry of the United States Department of Agriculture. Extensive experiments recently conducted to test the claims made by certain widely advertised and distributed canning powders, which consisted mainly of 95 per cent boracic acid with 5 per cent of salt added, have shown conclusively that the antiseptic properties affect only a few molds and micro-organisms which are not responsible for spoilage in properly processed cans or jars.

Fruits and other acid products properly packed when fresh and in good condition keep without any canning preparations. Much larger amounts of canning powder than those recommended on the package had no effect

whatever on the growth of spore-forming bacilli, which do not require free oxygen for growth, particularly the toxin forming *Bacillus botulinus*, which has recently been responsible for many deaths.

In treating wheat for smut this fall extra care should be taken that it is done right. In doing this 8 main points are to be considered.

1. Secure the formaldehyde in sealed bottles, so that there will be no chance of a weak solution.
2. Fan the wheat to remove trash, light kernels, weed seeds and as many of the smut balls as possible.
3. Disinfect drill, wagon and all articles that come in contact with the wheat after treatment with a 1 to 10 solution of formaldehyde and water.
4. Make the solution up to proper strength—one pint of formaldehyde to 35 gallons of water.
5. Pour the seed slowly into the solution and skim off the smut balls, trash, etc.
6. Remove the wheat as soon as this is done, and cover for a few hours with a blanket.
7. Set the drill to sow a little thicker, as the kernels may be swollen.
8. Do not leave the wet wheat piled up more than 12 hours, as it may heat or mold.

One of the most effective summer short courses for boys and girls this season was the regular annual school held at the Oregon Agricultural College, at Corvallis, Oreg., from June 12 to 24. Eighteen counties were represented by 221 club members, some of whom traveled several hundred miles to reach the college. These boys and girls were the prize winners at the State Fair and delegates from the different standard clubs over the state. The largest country delegation was a group of 48 boys and girls from Multnomah county, including Portland-Klamath County sent 41 club members in auto trucks and automobiles, traveling 320 miles. The group of 16 coming from Malheur county in three automobiles traveled between 400 and 500 miles.

At the short course classroom work was given each morning, followed by assemblies with addresses by distinguished visitors, gymnasium and outdoors athletics, and special entertainment features. The training of local

FOR RAISING AND MOVING HOUSES  
Call 304 E. 10th or Phone 532W  
DAVE YOUNG

leaders in club work and of demonstration teams was featured.

Surprise milk contests—contests in which the milk sold by various dealers in a city is compared by taking samples occasionally without warning—have been very effective in improving the milk supply of many cities. Contests of this kind carried out with the assistance of the United States Department of Agriculture have shown remarkable results in a number of western cities. The bacterial counts and the total milk scores for the cities were made up from the results of tests of samples from each of the delivery system.

In Long Beach, Calif., the average bacterial count in the first contest was 118,238; in the last contest it was down to 11, 823. In the first the average score of the milk sold there was 71.56, and in the last it was up to 90.67. The milk sold in Riverside, Calif., improved in bacterial count from 101,500 to 8,522, and rose in score from 82.93 to 93.63. Los Angeles dealers, as a result of these surprise contests, made great improvement in the quality of the milk supply, bringing down the count from 84,169 to 12,690 and raising the score from 80.60 to 91.65. The figures for Portland, Oreg., changed from 148,490 to 13,970 and from 76.19 to 92.52. The number of bacteria in a cubic centimeter of Seattle milk was brought from 64,124 down to 31,297, and the score was lifted from 80.50 to 88.24.

A milk dealer does not like to be surprised with dirty milk on his wagons, especially when the results of the tests are to be published in the local papers. When his score goes up he finds the number of his customers going up; when the bacterial count increases he finds an increase in the number of ex-customers.

Chickens are dying all over the state from lack of ventilation in hen houses, lice and mites, and insufficient quantities of water, according to observations made by the poultry specialists of the Agricultural College. Unfortunately the prevailing idea is that hens must be kept warm in winter time. In order to accomplish this hen houses are closed up airtight, and when summer comes, folks are too busy to add the needed ventilation. If hen houses were constructed so that in summer time practically two-thirds of the south exposure could be opened and in winter time have one-third muslin front, a great deal of loss and suffering could be avoided. Lice and mites are especially active this summer because of the intense heat which has existed for the greater part of the summer. Vermin thrive in hot weather. Lice can be controlled by the use of Sodium Fluoride applied to the hen by the "pinch" method. Mites live in the cracks, filth and under the roosts of the hen house. They crawl upon the birds at night, and suck the blood from them. Therefore, it is necessary for one to spray the hen house thoroughly with some substance which will kill them in their home. A very good spray is composed of one gallon kerosene, one gallon waste cylinder oil, and one-half pint of some good stock dip. At this time of the year, a hen needs enormous quantities of water to keep down the body temperature. A poultry specialist from the Agricultural College found one flock of hens dying apparently from starvation. It was found that the blood was so thick from the absence of water that it would scarcely run. A healthy hen will consume from one-half to one and one-half pints of water in a day. Keep plenty of fresh water before chickens at all times.

Piano tuning, Holley Music House.

Come in and see our new ear-drops.  
C. S. Clinton & Son.  
NOTICE OF HEARING

In the County Court of Lincoln County, Nebraska.

In the Matter of the Estate of Frederick Werneke, Deceased.

To the Heirs and All Persons Interested in said Estate.

You are hereby notified that on August 23, 1922, Frieda Scherz as executrix of said estate, filed in said Court her final account and application for the assignment of the title to the real estate belonging to said estate, consisting of the Southwest Quarter (SW 1/4) of Section Ten (10) in Township Thirteen (13) North of Range Thirty-one (31) West (W) 6 p. m. Lincoln County, Nebraska, and for the distribution of the personal property belonging to said estate, and that said final account and application will be heard before this Court in the County Courtroom in the Courthouse in the city of North Platte, County of Lincoln, State of Nebraska on the 18th day of September, 1922 at 10 o'clock a. m. and you are hereby notified to appear at said time and place and show cause, if any there be why said final account should not be allowed, the title to said real estate assigned and the personal property of said

estate distributed as provided by law and by the terms of the Last Will and Testament of the said Frederick Werneke, deceased.

T. S. BLANKENBURG,  
(SEAL) Acting County Judge

**Can You Beat This?**

An automobile vehicle that travels 75 miles on one gallon of gasoline and 15,000 miles on one set of tires. That's the CLEVELAND Lightweight the lowest priced REAL motorcycle you can buy costs only \$185. Safe and sane as easy to ride as a bicycle.

Don't these facts interest you? Now come in and inspect it. Ride it. Then you won't be satisfied until you own a CLEVELAND. Drop in at any time.

John Null,  
North Platte, Nebr.



**PUBLIC SALE**

Having leased my farm and going to move to California, I will hold a public sale at the Meadow View farm, 6 miles southwest of North Platte, 4 miles west and 1/2 mile north of the Experimental Station, on

**Wednesday, August 30, 1922**

Commencing at 1:00 o'clock, the following described property:

**10 Head of Horses**

Bay team weight 2800, team bay and black mares weight 2200, gray mare weight 1150, bay mare weight 1100, 4 year old mare colt weight 1050, 3 year old mare colt weight 1000, three 3 year old horse colts

**Nine Head of Cattle**

3 milk cows giving milk, 2 two year old heifers, 1 one year old heifer, 1 six-months old heifer, 1 six month old steer, 1 heifer calf.

6 dozen chickens, 3 1-2 tons baled hay in barn, 1 1-2 ton alfalfa hay in barn, 3 sets work harness, 1 saddle, 25 pounds binder twine, 15 gallon iron kettle, 1 hog scalding pan.

**FARM MACHINERY**

Waterloo tractor, John Deere 3 bottom plow, 16 inch tongueless John Deere riding plow, 16 inch John Deere plow, 14 inch walking plow, walking lister, John Deere 2-wheel riding lister, John Deere 2 row machine, John Deere one row machine, two Little Jap cultivators, John Deere walking cultivator, fanning mill, or wheat grader, new, 4 horse Van Brunt wheat drill, 2 one-horse Van Brunt corn stalk wheat drills, John Deere corn planter, Acme corn binder, power corn sheller, 8-foot McCormick grain binder McCormick mowing machine, 6 foot cut, hay stacker, hay sweep, 12-foot hay rake, 3 horse power Sheffield gas engine, tank heater, garden drill, International power feed grinder, 110 foot hay rope, blacksmith vise, pipe thread cutters 1/2 to 1 1/4 inch, forks, spades, shovels, 22 ft. extension ladder, seven hog wire, 26 steel posts, 48-inch woven wire, 2 narrow tire wagons, 1 iron wheel truck and hog frame, ice skates, ladies bicycle, boy's sled, 50-gallon gas barrel, 50-gallon oil barrel, 3 wooden barrels, 2 inch belting, 2 wash tubs, 1 gallon floor paint, 1 gallon floor varnish.

**HOUSEHOLD GOODS AND FURNITURE**

Monarch steel range, oil burner for cook stove, heating, stove oil stove, kitchen cabinet, sideboard, safe, or cupboard, 10 chairs, dining table, stand table, 5 rocking chairs, 2 dressers, 2 chiffoniers, 5 bedsteads, wardrobe, rug 7 1/2 x 9 1/2. Celestaphone, Davis sewing machine, 4-hole oil stove, bath tub, enameled inside and out, 2-gallon ice cream freezer, sausage grinder, food chopper, lard press, bread mixer, 10 dozen fruit cans, 2 hanging lamps, Butterfly cream separator, 5-gallon milk can, 10-gallon milk can, 8-day clock, 4 picture frames size 16x20 inches, auto battery tester, dry cell battery tester, power washing machine, half-horse power engine, washing and wringer, 30 bushels potatoes, 50 pounds country lard, 1 1/2 bushel beans, glassware, dishes, plates and saucers, Cox's farming accounting book and many other articles too numerous to mention.

**49 ACRES OF GROWING CORN IN FIELD IN 4 DIFFERENT FIELDS**  
One field of 9 acres growing corn, one field of 12 acres growing corn, two fields of 14 acres each of growing corn.

FREE LUNCH AT NOON

TERMS OF SALE—All sums \$20 and under cash; on sums over \$20 a credit of 6 months will be given, purchaser giving approved note bearing 10 per cent interest from date of sale.

**GEO. LIESS, Owner**

H. M. JOHANSEN, Auctioneer

RAY C. LANGFORD, Clerk



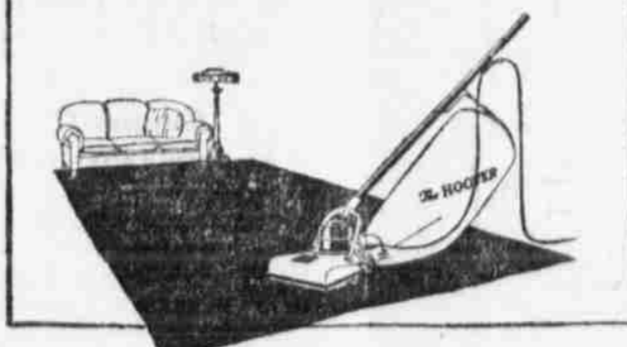
**This Is Harvest Headquarters**

All through the busy harvest season this bank has been harvest headquarters for the farmers around North Platte.

Right now when you are cashing in on your crop, remember that we are still headquarters and that your money should be deposited where unquestioned safety is assured. Even if the bulk of your harvest fund must be paid out, deposit FIRST and then check out as necessary. The safety and complete service is yours. Use it!

**The Platte Valley State Bank**

**House Cleaning Campaign**



**Why Take a Day to Clean House?**

Why should you still devote a day of hard work, every week, to the cleaning of your home? Why should you tire yourself out, fill your lungs with unhealthful swept-up dust and forego recreation—when so many other women have Hoovers?  
It seems hardly fair. For you, too, could pleasantly and easily dispose of your cleaning in an hour or so, if you had a Hoover.  
Without causing backache or scattering dust, this efficient cleaner actually sweeps more thoroughly than a

broom; it collects the stubbornest clinging litter!  
Harmlessly it beats out of rug depths the germ-laden, nap-wearing dirt that otherwise escapes removal.  
In addition, it erects crushed nap, freshens colors and powerfully suction cleans—all in one rapid, dustless operation which over and over saves The Hoover's cost by adding years to the life and beauty of your rugs.  
Easily connected air-cleaning attachments, of convenient new design, are provided to do your dusting dustlessly.

**The HOOVER**  
It Beats — as it Sweeps — as it Cleans  
**NORTH PLATTE LIGHT & POWER CO.**