

Test Pigs-Those With an "X" Are Check Pigs.

periment Station.)

sense of the word. practinated upon arrival at the serum munes. Large quantities of virus are ence in the potency or in the amount

given each immune, a 200-pound hog of foreign bacteria, provided that receiving from one to two quarts of proper methods of sterilization are emthis very virulent blood, depending on ployed. the method used in injecting it. This dose of virus renders the immune very strongly resistant to cholera, and he diseases other than acute cholera. is now what is termed a byperimmune. Each virus hog should be carefully ex-Ten days after the injection of virus, if amined after bleeding. The amount of first bleeding is done. Since the tail pathogenic bacteria, is due to the meththe blood, flowing from the cut, is col- tles or jars should be sterilized. All Sected in bottles. After a certain quan- of the preparation and bottling should governed by the size of the hog, the any dust, and no vessels used that are tail is tied to prevent further bleeding, | not sterile. and the hog released. A week later the hog can be bled again. One week through the use of pigs that are from from the hyperimmune is becoming less | remain well even though the serum is further use, the hog is killed and all The pigs should also be of the same of the blood is collected. In some herd or litter and treated alike. plants that are close by a packing is inspected and passed for food if the tissues are normal.



No virus should be used that is bled from hogs that show lesions of other the hyperimmune is in good health, the | bacteria, and especially the number of offers the only place available without ods of sterilization used. Each hog danger of bleeding to death, it is se- should be carefully cleaned and disinlected as the place for bleeding. A fected, the tail or neck shaved and small piece of the tail is cut off and sterilized before bleeding, and all bottity is collected, the amount being be done in clean quarters free from

The potency test may be misleading after the second bleeding, a third bleed- immune mothers. These pigs may reing is done. At this time the serum tain enough immunity that they will notent and the hog is rehyperimmu- low in potency. That is one of the mised by a fresh injection of virus. Af- reasons why check pigs are used, to ter the tail is clipped too short for show the natural immunity of the pigs.

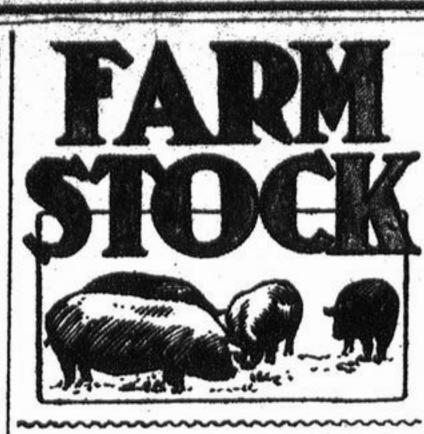
Under the provisions of the new hog house one bleeding is done. The hog is | cholera control law in Indiana, Purdue | ed horse. killed at the time of the first bleeding university is charged with the testing and the blood collected. The carcass of all hog cholera serums and so-called cures that are sold in the state. All of the different serums exposed for After the blood is collected in the sale in the state and a great many of and that sometimes causes death. the cures have been tested. The greater majority of the serums have been found to be potent, but no cure has been of any use in either curing or preventing hog choiers. All serums tested by Purdue university are recommended to the state veterinarian, who issues a state permit, under which each serum is sold. At any time this permit can be revoked through the serum not being up to the standard.

# ALSIKE CLOVER IS **GOOD COVER CROP**

Well Adapted to Low, Moist Soil -Is Well-Known as Favorite Food for Bees.

Alsike clover, unlike our red clover, is well adapted to low, moist soils, also to dried up land. It should not be sown alone. Six pounds of alsike seed and ten pounds of red clover seed sown to the acre will give a large crop of excellent hay, and a larger yield than if either were sown alone.

Red clover will seldom produce a op of hay the third year, while the will yield good crops from three five years if the land is in good ition and the season not too dry. ke clover is well known as the food for bees. The honey om alsike blossoms is said to bilent quality. But its great-



#### HINTS FOR THE HORSE LOVER

Narrow-Chested Animals Do Not Pos sess Endurance of Broad-Chested Ones-Keep Things Orderly.

The horse that is "all legs" is not the one you want. Try to get those that are well set, neither too long legs nor too long bodies.

When a good horse lags don't put the whip on and make it go anyway. Stop and look into the matter. That horse is not well. If it were it would not lag. You do not like to be forced to work when you are sick. The horse is most like a man of any living animal.

It is foolish for the farmer to get the notion that he can win money on the track with his horses. It is all right to give the horses a chance to show what is in them, but don't do it for money ever.

Have the sides of your stalls well natled to place. Horses sometimes find out that they can crowd the partitions out of place and once they get that habit they will make life miserable for you.

Some horses have a way of throwing their hay out on the floor the first thing they do after feeding. If you feed through a chute from overhead you will be free from this difficulty. If not, the best way is to build in front



Do Not Buy Narrow-Chested Horses.

of the horses a rack of round, hardwood poles an inch or two in diameter, running from the manger overhead, firmly secured at both ends. Narrow-chested horses have not the

endurance that those have with good broad chests. Don't buy a thin-breast-

Study your blacksmith, as well as your horses' feet.

Some horses can't eat straw without having impaction of the bowels, A ration of good wheat bran once a

week is a fine change for a horse. Wet it up good and he will relish it and it will act nicely on his bowels. Hang up your dung forks. Don't stand them against the side of the

barn, where they may be run into by a horse passing that way. It is sometimes said that you can make any horse a good walker when you break him. That is not always

true. You never can make fast walkers of some horses. It is not in them and you cannot put it in unless you do it before they are born. It is easy to hang up your harness

if you once get into the habit of it. How many friends do you know that drop them on the floor?

The reason the varnish is coming off your wagon or carriage may be that you keep it in the room where horses are stabled. The chemicals from horse manure and urine will do it every time.

## MOLDY FEED IS DANGEROUS

Farmers Are Losing Cattle From Eating Acorns-Take Precautions to Keep Poisons Out.

It is dangerous to give molded or spoiled hay and other feeds to live stock, especially horses. Such feed is apt to cause sickness and even death. We have heard of instances where farmers have lost a number of valuable animals from this cause. Care should be exercised to see that all feed is for pasture. When once is in good condition. Hay put up wher d it will make a sturdy too damp may mold, corn and oats the season is hot and often harbor various kinds of fungous diseases that may be poisonous to the have grown this stock, and corn silage when improperly stored may cause trouble. The food meadow grasses, an animal eats has a marked influence upon its physical well-being. We ar of hay have informed that, in Wisconsin, farmer d excellent are losing cattle from eating acorns tle are particularly affected. Sheep and hogs can eat the acorns without bad effects, and milch cows seldom die from this cause, but young calves are

coisoned and little can be done for am. It is the part of wisdom to take autions to keep feeds known to be ous away from autmais, and m only that which is in good condition.-Farmer's Guide | ing time.



# GOOD FARM BUTTER MAKING

Greater Attention Should Be Given to Details Concerning Factors Affecting the Quality.

(By J. KEITHLEY.) The following few brief instructions will prove of great assistance to farm

butter makers: Churn at a temperature that will give a firm, flaky granule in the butter. This temperature varies slightly with the season, but ranges from 52 degrees to 62 degrees F. The use of a thermometer and intelligent observation, as result of a few churnings, will enable the butter maker to determine the proper temperature at which to churn. Churn should be stopped when butter granules are large as corn kernels or peas. Time required for

churning should be 25 to 30 minutes. Use clear, pure water for washing the butter. It should not be more than three degrees colder or warmer than the buttermilk. Use amount of water equal to that of the buttermilk. In a barrel churn, reverse 12 to 15 times in washing.

Weigh the granular washed butter and sait at the rate of three-fourths ounce to one ounce per pound. Be sure the salt is well pulverized and sift it evenly over the granular butter before any of the moisture is worked

Work the butter sufficiently to distribute salt without injuring the grain or texture. Determine working by 1, appearance; 2, texture; 3, grittiness. Butter, when sufficiently worked, should present a firm, glossy appearance. The texture should resemble the broken end of a steel rod. There should be no grittiness due to the unevenly distributed or undissolved salt. This can be determined by taking a small piece of butter between the teeth and biting into it repeatedly; any grittineas will soon be observed. Insuffi-



Working the Butter.

cient working is generally shown by a mottled appearance in color on the cut surface. This is largely due to an uneven distribution of salt. This results in a salty condition and injures the keeping quality. The aim of butter makers should be to produce a high-grade article that is uniform week after week in flavor and composition. This can be done by careful methods in ripening, salting and work-

## KEEP SALT HANDY FOR COWS

Maintains Health of Animals and Encourages Heavy Milk Flow by Promoting Digestion.

Experiments have proved the average milk cow requires about an ounce of salt per day. Heavy milkers should have more. Keeping salt where the dairy cows can reach it at all times maintains their good health and encourages a heavy milk yield by promoting thorough digestion and assimilation and having a cooling effect on the whole system of the animals, at the same time making it easier to bring butter of a superior flavor and color at churning time.

## SOME GRAIN IS NECESSARY

Cow Will Get Through Winter in Excellent Condition If Given Few Ears of Corn Each Day.

The cow that is to become a mother should not be allowed to get poor and weak during the winter months. late in picked up in the pastures. Young cat- It is practically impossible to get such a cow through the rigors of winter in good condition wthout a grain feed. She may not need a great amount of grain, if she has plenty of forage that is nutritious, but she will need four or five ears of corn two or three times a day. Then she will get through the winter in fine shape and have good flesh and plenty of strength at calv-

# Dr.F. LeBLANC

Physician and Surgeon

Office and residence 87 North Forest Avenue, Downers Grove, Illinous Office Hours:—8 to 10 a. m., 1 to 3 p. m. 6 to 8 p. m. Telephone 28

#### EDGAR D. OTTO **Engineer-Contractor** Surveys, Plans, Estimates **Building Construction**

Phone 168 W 1 **Bowners** Grove, III.

# MARY S. DIENER **Graduate Nurse**

Ev. Deaconess Hospital PHONE 98-M. DOWNERS GROVE. P. O. Box 21 Res. 109 Ross Ct.

# **Cut Flowers**

Sweet Peas, Roses, Boquets for Weddings and other Occasions

Set Pieces for Funerals

v. woolf

153 Prairie Ave. Tel. 136-J

Meat Market

Fresh or Salted Meats Fish or Game in season Imported and Domestic CHEESE

32 S. Main St. Phone 16

## RHEUMATIC SUFFERERS **GIVEN QUIOK RELIEF**



Pain leaves almost as if by magic when you begin using "5-Drops," the famousold remedy for Rheumatism, Lumbago, Gout, Sciatica, Neuralgia and kindred troubles. It goes right to the spot, stops the aches and pains and makes life worth living. Get a bottle of "5-Drops" today. A booklet with each bottle gives full directions for use. Don't delay. Demand "5-Drops." Don't accept anything else in

place of it. Any druggist can supply you. If you live too far from a drug store send One Dollar to Swanson Rheumatic Cure Co., Newark, Ohio, and a bottle of "5-Drops" will be DOWNERS GROVE WOMAN'S CLUB,

-Meets every alternate Wednesday, beginning second Wednesday in October
and closing last Wednesday in April, Mrs.
H. P. Jones, President; Mrs. I. G. Heartt, Corresponding Secretary.



VICTORY COUNCIL, No. 110, Royal League.—Meets first and third Tuesdays in each month in Morris hall. Carl Staiger, Archon; George Staiger, Scribe.

DOWNERS GROVE CHAPTER, Daughters of the American Revolution.--Hold a monthly meeting on the third Tuesday of each month in the homes of the members. Officers of the chapter are: Regent, Mrs. E. H. De Groot; Mrs. R. W. Babcock, Secretary.

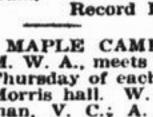


MAPLE GROVE LODGE No. 529, K. of Meets first and third ednesday nights in Morris hall. John Gollan, Chancellor Commander; H. F. Legenhausen, Keeper of Records and Seal.

DOWNERS GROVE HIVE. Ladies of the Maccabees. Meets in Morris hall every and fourth Friday. Mrs. Sam Hoffert, mander; Mrs. Lavara Hannum.



Record Keeper.



MAPLE CAMP NO. 898, . W. A., meets the second hursday of each month in Morris hall. W. E. Chessman, V. C.; A. H. Barn-hart, W. A.; R. O. Miller,



NAPER POST, No. 468, G. A. R.-Meets the second Thursday of each month in G. A. R. hall. Captain 1 Rogers, Commander: F A. Rogers, Senior Vice-Commander; Geo. T. Hughes, Junior Vice-Commander; E. W. Farrar, Officer of the Day; R. W. Bond, Adjutant; Geo. B. Heartt, Quartermaster.



GROVE LODGE NO 824, A. F. & A. M.-Stated fourth Fridays at 8 o'clock p. m., at Masonic hall, Curtiss and Main stree.s. B. C. White, Secretary T. H. Slusser, Worshipful

GROVE CHAPTER, No. 230, R. A. M -Stated meeting first Thursday of each month in Masonic hall, at 8 o'clock p. m. Visiting companions always wel-come. John Gollan, Secretary; Delbert Austin, E. H. P.



VESTA CHAPTER, No. 242, O. E. S. - Meeting second and fourth Tuesdays of each month. Laura Heintz, Worthy Matron: Walter Chessman, Worthy Patron: Ona Lower, Secre-

DOWNERS ROVELODGE No. 750, I. O. O. F. arday evening at 8 o'clock in Masonic hall, corner Main and Curtiss streets. H. Kentson, N. G.; W. H. Beldelman,

ROYAL NEIGHBORS OF CA.lonor Camp, No. 3079.- Meets the third Thursday evening of each month in Morris hall. Miss Carrie Barmore, Oracle; Miss Agnes Venard, Recorder

LIBRARY ASSOCIATION. - Meets every first Thursday in the month in the Library, Mrs. J. M. Burns, President; Mrs. L. P. Naramore, Secretary.

# T. E. BROOKS

Auto Moving, Packing STORAGE

Tel. 15, Res. 186

13 W. Railroad St.

LOANS

CONVEYANCING

# W. H. BLODGETT

Fire and Tornado Insurance, Companies the Best-100 years in business.

QLLL

Agent for the Traveler's Insurance Company Life, Accident and Health.

RENTING

TELEPHONE No. 7

# A. P. Mehren

Electrictal Contractor

Heating Appartus, Lamps, Fixtures. Houses Wired.

19 Railroad St. Phone, office 62-R; res. 70-w

To Reach Home People Advertise in The Reporter