

## Pigs and Protection

careless exposure of spring pigs in hog lots and pastures which were occupied by hogs last year has caused much sickness and loss during the summer and fall. Many of these pigs were unthrifty and died after anti-cholera vaccination. There is only one known way to raise healthy, thrifty pigs, states E. T. Robbins, livestock extension specialist of the U. of Illinois, and that is to keep them away from mud and buildings which harbor worm eggs and disease germs. This year has emphasized that fact on farms where the sanitation system was neglected. Fall pigs especially need protection. Sometimes whole droves of neglected fall pigs become stunned and many die. On the other hand, if they have dry, comfortable shelter, and if they have clean water and a well-balanced ration, they often beat spring pigs in the time it takes to reach market weights. Robbins suggests keeping fall pigs on clean pasture as late as possible. On some farms they are kept out in the fields all winter. When pasture fails the pigs need plenty of green-colored alfalfa hay, either whole or ground and mixed with the protein part of the ration. If they must be raised without any animal protein, such as tankage, meat scraps, or skim milk, then soybean meal is very helpful. With it they should be induced to eat at least twice the usual amount of alfalfa, and they should have access to high-calcium limestone.

## Steers Thrive On Good Forage

For several years steer calves and yearlings at the University of Illinois have been wintered on good roughage and little else, so their moderate winter gain of about 1-4 pounds a day has cost considerably less per hundredweight than the cost price of the cattle. One such lot was fattened last summer on a 90-day feed and was sold in August, weighing 1,220 pounds, at \$15.00 per hundredweight. The lot returned about \$42 each above the cost of cattle and feed. These had been bought as calves and carried lightly through two winters, and they spent one summer on good pasture alone. H. M. Seymour, Adams county, carried some yearling steers through last winter on mixed hay alone. He has kept them on good pastures since that time. In October, when he showed them to E. T. Robbins, livestock extension specialist of the U. of Illinois, many of them were already half fat. Robbins says such steers are in good condition to finish fattening quickly and cheaply on a first-class ration, such as shelled corn and linseed meal or other high-protein feed. This year at the University of Illinois,

## NOTICE OF CLAIM DATE

State of Illinois, County of Logan, ss.  
In the County Court of said County: In Probate  
In Re: Estate of Etta B. Smith, Deceased.  
The undersigned Executor of the Will of Etta B. Smith, deceased, having been appointed as such by the County Court of Logan County, Illinois, and having duly qualified, hereby gives public notice that the first Monday of January, A. D. 1943, the same being the fourth day of said month, is the claim date in the estate of said deceased and that claims may be filed against said estate on or before said date without issuance of summons.  
M. B. Drake, Executor.  
Williams S. Ellis, Attorney.

## Guard Against Disease Killers In Your Herd

Losses may be anticipated with the increased number of cows and pigs raised on different farms in Illinois unless rigid sanitary measures are employed. In addition to losses from worm parasites and the so-called necro, the problem of successfully immunizing pigs against hog cholera becomes more difficult. It should be kept clearly in mind that only healthy pigs can be safely immunized.

Potent anti-hog cholera serum and virus properly administered to healthy pigs will prevent hog cholera. Swine erysipelas may be effectively prevented in healthy swine by the careful inoculation of anti-swine erysipelas serum and culture. Cholera and swine erysipelas immunization of pigs before weaning time has proved practical in many herds if losses due to worm infestation and necro are avoided.

So-called hog cholera "breaks" which prove so costly are traceable to several causes which may escape the attention of the owner. Unthrifty, worminfested pigs or pigs in the early stages of so-called necro swine pox, flu, pneumonia, and hog cholera itself, may develop typical cholera following the administration of anti-hog cholera serum and virus. In some "breaks" evidence of underdosing with serum has been encountered. In order to avoid setbacks following immunization, against cholera, liberal doses of serum should be employed. When there is any doubt concerning the health of the herd, the body temperature of each pig should be taken before treatment. All animals showing a temperature of 104 degrees F. or above should be given serum alone. The potency of anti-hog cholera serum and virus is guarded by Federal Veterinary inspection. Difficulty following the inoculation with these immunizing products often suggests that the herd was not in proper condition for vaccination. It is also suggested that swine erysipelas may be confused with hog cholera and setbacks following immunization against cholera may in some herds be traceable

to this disease. Swine erysipelas responds to the new treatment which is now being used by veterinarians in many localities in Illinois.

Good swine management, together with daily inspection of herds and prompt isolation of affected animals, is essential in checking losses. If disease appears, consult your local veterinarian regarding diagnosis. The State Department of Agriculture cooperating with the College of Agriculture, maintains laboratory diagnostic service in animal disease. Typically affected live animals may be brought to the Animal Pathology laboratory. There is no charge for this service.

## HAZARD FAMILY, INJURY BROTHERS NAMED SABOTEURS

Being introduced to Illinois farm people these days are two "families" of wartime saboteurs, the "Injury brothers" and the "Hazard family." The fact that accidents resulting from falls occur more frequently than any other type of accident on farms or in homes, has led to a wholesale disclosure of the causes.

Named as the "Injury brothers" are "Minor, Permanent and Fatal," which claim one victim after another in a playlet, "This May Happen to You," which is being presented before Illinois farm audiences this winter. Teaming up with the "Injury brothers" to show what they can do are the "Hazard Klan" composed of "Carelessness, Haste, Fatigue, Take-a-Chance and Inexperience."

Author of the dramatization is E. H. Regnier, associate in rural sociology extension, University of Illinois College of Agriculture. Basing the facts of the case on findings for farm accidents compiled by E. W. Lehmann, head of the department of agricultural engineering, Regnier pointed out that victims of one-fifth of all farm accidents in the past five years have suffered injuries in falls. Minor injuries claim as their share of human beings 94 out of every 100 persons who fall.

Fatal injuries claim one person while permanent injuries occur among those who are careless when using farm machinery.

Written to be portrayed by local personnel, the playlet is adapted to any simple set-up. Copies of the play are available from the office of the county farm or home adviser, or the extension service in agriculture and home economics, University of Illinois College of Agriculture.

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