

# An Excellent "FIRST-LINE DEFENSE" HOSTETTER'S Stomach Bitters

Try a bottle for POOR APPETITE INDIGESTION BILIOUSNESS OR MALARIA You'll find it a splendid aid

Just Right. "A penny for your thoughts, dear." "I was thinking of that exquisite perfume and its cost." "Ah! I knew your thoughts were about a scent's worth."

## FIERY RED PIMPLES

Soothed and Healed by Cuticura Soap and Ointment. Trial Free. Smear the affected skin with Cuticura Ointment on end of finger. Let it remain five to ten minutes. Then wash off with plenty of Cuticura Soap and hot water. Dry without irritation. Nothing like Cuticura for all skin troubles from infancy to age.

Free sample each by mail with Book. Address postcard, Cuticura, Dept. L, Boston. Sold everywhere.—Adv.

## To Fortify the System Against Summer Heat

Many users of Grove's Tasteless Chill Tonic make it a practice to take this old standard remedy regularly to fortify the system against the depressing effect of summer heat, as those who are strong withstand the heat of summer better than those who are weak. Price 50c.

## All the Comforts of Home.

"I shouldn't call this a desirable apartment," said the lady who was looking for rooms. "There's a saloon only three doors away." "That's just the point," replied the agent. "Think what a comfort it will be to know that your husband is never far from home."—New York Globe.

## SAVE A DOCTOR'S BILL

by keeping Mississippi Diarrhoea Cordial handy for all stomach complaints. Price 25c and 50c.—Adv.

## Cold Snatchers.

Teacher—Johnny, can you tell me the function of the pores of our bodies? Johnny—They are the things we use to catch cold with.—Christian Register.

## THE SUREST WAY

To cure HEADACHE, BILIOUSNESS, CONSTIPATION, etc., is to take ONE BOND'S LIVER PILL at bedtime. You will wake up well, without feeling the medicine.

## Help to Indians.

Bacon—I see Choctaws and Creeks living in Texas have scarcely anything traditional left except their speech, and many of them can't speak English. Egbert—Well, I know a lot of women who can tell 'em where they can get more paint and feathers.

## OH! MY BACK

A stubborn backache is cause to suspect kidney trouble. When the kidneys are inflamed and swollen, the kidney brings a sharp twinge in the small of the back, that almost takes the breath away. Soon there may be other symptoms; severe pain in the back, frequent urination, headache, dizziness, or rheumatic pains. Don't wait for these troubles to become serious—use Doan's Kidney Pills at once. You'll find no better recommended remedy.

## A Texas Case

Mrs. J. M. Ward, "Myrtle Hill," Greenwood St., Houston, Texas, says: "My health was run down on account of kidney trouble. The kidney secretions were retarded and I had severe, rheumatic pains in my back. I also suffered from blinding dizziness and splitting headaches. Doan's Kidney Pills gave me the first relief and continued use fixed me up in good shape."

## DOAN'S KIDNEY PILLS

FOSTER-MILBURN CO., BUFFALO, N. Y.

## Every Woman Wants

**Partine** ANTISEPTIC POWDER FOR PERSONAL HYGIENE. Dissolved in water for douches stops pelvic catarrh, ulceration and inflammation. Recommended by Lydia E. Pinkham Med. Co. for ten years. A healing wonder for nasal catarrh, sore throat and sore eyes. Economical. The smallest size should always be kept in the medicine cabinet.

## PROTECTION OF STOCK

How to Make Effectual Lightning Arrestor on Fence.

Effective Safety Device May Be Made By Using Ordinary Fence Wire—Place Ground Wires About Ten Rods Apart.

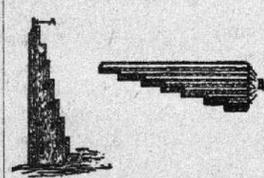
(By J. BRIDGEMAN.)

An astonishing number of stock are killed each season by lightning, and not a few human beings, and in almost every case the dead stock is found near a wire fence. There is no doubt but that a large portion of this stock and human life could be saved by grounding the wires of the fence, but as this calls for a large-sized, rather expensive wire or iron rod, it is seldom done.

An effective safety device may be easily constructed as follows: An ordinary smooth fence wire may be driven four or five feet deep in the hardest soil—at either depth the wire is sure to be in damp, wet soil at all seasons of the year. Two 1 by 12-inch boards, four or five feet long, are shaped like a flight of step lugs (as shown in the accompanying illustration).

The step-shaped notches should be about six inches in height and one and one-half inches deep; in the top center of each step a small groove is cut (as shown by the dots leading to B). These should be one-fourth inch wide and about one-eighth of an inch deep so that when the two pieces are fastened together each step has a one-fourth-inch hole its entire length.

The grooves should be as smooth and straight as possible, but can be cut with an ordinary pocketknife; no other tool is at hand. Fasten the lower ends of the boards together with a small bolt (as shown in the left-hand figure); hold the top together with the left hand, set the device where wanted and drop the



Lightning Arrestor.

wire in the top hole; drive down to the wood, lift the device and place the wire in the next hole, and so on until the last hole is reached.

In this manner a very small wire may be driven in the ground without bending, and only six inches of same is above the wood at one time. Splice the ground wire and connect same to each wire of the fence and you will have a first-class lightning arrester.

The distance apart these ground wires should be placed is a question—the writer places them every eight or ten rods.

## OVERCOMING GARLIC IN MILK

No Practical Method for Use on Dairy Farms—Keep Cows Off Garlicky Pastures is Best.

What is the best way to remove the garlic taste in milk? This question has been asked.

Through large milk establishments have mechanical processes for taking odors out of milk and cream by means of an air blast, there is no practical method for use on dairy farms. An aerator would perhaps be of some slight advantage, but prevention is the best cure. Keeping the cows off garlicky pastures several hours before milking is the most effective means of overcoming the trouble.

One of the best ways to kill wild garlic in pastures is to turn in sheep. They like the tops, and in a few years the garlic will disappear.

## PROTECT FOWLS FROM MITES

Suffering Birds Cannot Do Well When Infected With Vermin—Use Ointment and Powder.

Lice and mites must be kept down, for suffering fowls and chicks cannot do well.

Therefore, use plenty of mite-killing liquid and plenty of lice-killing ointment and powder and in that way protect your fowls and your profit.

## INSPECTION OF PEACH TREES

October Is Good Month for Getting After Borers—Paint the Wound With White Lead.

October is a good month for worming the peach trees. Go over them carefully and get out the borers, paint the wounds with white lead and draw the dirt away from the roots so the weather may have a chance at the borers that were overlooked.

## COMPLETE RECORD OF FOWLS

Numbered Leg Bands Enables Owner to Tell How Many Eggs Each Individual Hen Produces.

Numbered leg bands on the legs of the fowls will make it possible to keep a complete record of the eggs they lay, the kind of chickens they produce, etc. These bands can be secured from poultry supply dealers.

## TURNIPS REQUIRE RICH SOIL

Vegetable Grows Best on Freshly Broken Land—May Be Sown After Some Other Crop.

Turnips require a rich soil, and grow best on freshly broken land. They may be sown broadcast after some other crop has been removed. They should grow rapidly in rich, sandy soil free from fresh manure. About one ounce of seed will be required for 150 feet of drill, and two pounds to the acre, if in drills.

## LIVE STOCK IS NECESSARY FOR FERTILITY



HERD OF DUAL-PURPOSE SHORTHORN COWS.

(By FRANK D. TOMSON.)

Comparatively few farms are adapted to strictly special purposes and fewer farmers are inclined to specialized vocations. The income on the farm is usually of larger value when derived from several sources. The maintenance of live stock is a necessity in order to maintain fertility. The production of live stock necessitates grasses for pastures and meadows which conserve and build up the soil fertility. Crop rotation naturally follows.

The question arises as to what breed of live stock is best adapted to the conditions and will insure the largest returns. Long experience has proved the combination of beef and milk production the most profitable and best adapted to the varying conditions in all parts of the country. Here and there a man devotes his entire attention and resources to beef making; exclusive dairying is engaged in by a limited number; but the great mass of farmers are neither inclined nor situated so that they can engage to the best advantage in these individual or specialized lines.

The breed of cattle that meets the needs of this large aggregation of average farmers, that suits their conditions, that may be relied upon to yield a profitable return, is the breed that affords a greater or less degree these characteristics. The Shorthorn is the most widely disseminated and has been bred in greater numbers for many generations. The distinctive characteristics of the breed are adapted to the conditions described. When not in milk the cows readily take on flesh, and if occasionally one does not yield a liberal flow, she quickly converts the feed consumed into beef and is thus working toward the profit mark through one channel or the other all the time. The calves, if the owner desires to dispose of them, are eagerly sought for feeders and butchers at advanced prices. If they are developed on the farm they make liberal gains and attain larger weights at a given age than most other breeds. The quality of flesh has always made the Shorthorn popular at the packing centers. Combined with these advantages,

the Shorthorn has a docile temperament that has long been a factor in its popularity. Shorthorn blood has a very decided potency and improves all classes of stock upon which it may be used. The Live Stock Journal, London, England, July 20 issue, states editorially as follows: "In the matter of the adaptability of breeds let it never be forgotten that the great source of improved beef blood the world over has been the Shorthorn. The milk stock of New England and the Longhorn of Texas both received their first improvement through the heritage from Bates and Booth and the Collings. In the bluegrass region the sons and daughters of Durham found their best environment, and the Shorthorn became then, as it still remains, the backbone of the corn belt and the stay of the general farmer. In the West and Southwest the first 'warming up' given the scrub and Mexican cattle was at the hands of this breed; the rise in the beef industry in the Argentine is almost inseparable from the expansion of the Shorthorn interests, while from 70 to 80 per cent of the Australasian chilled beef is evolved from grass bred red, white and roan pelts. In such a manner this British-bred of generalized achievement encircles the world. Its adaptability grants it the pioneering quality; its all-around usefulness decries its permanence."

The Polled Durham is the hornless Shorthorn, and a favorite with many on account of its hornless feature. The red Polled breed is also a favorite in some sections and combines the beef and milk characteristics. But the Shorthorn has been the favorite from one end of the country to the other because of the several qualities that are combined and that are produced from generation to generation, working improvement wherever applied. It is this dual purpose characteristic that suits the purposes of the great mass of farmers who, for various reasons, do not engage in specialized farming. Mixed husbandry has long been recognized as the foundation of our agricultural prosperity and the Shorthorn has admirably and successfully contributed in large measure to the advancement of diversified farming.

## DISINFECT POULTRY HOUSE FOR VERMIN

Sunshine Is Most Effective and Economical Germicide That Can Be Thought Of.

(By N. L. HARRIS, Kansas State Agricultural College.)

One is safe in using almost any of the common coal-tar dips that are on the market for disinfecting poultry-houses. The most inexpensive of these products are the common stock dips which should be mixed at home. Most of the poultry sprays on the market are nothing more than the stock dips ready for use.

The eggs of mites hatch in from seven to ten days, so in order to get rid of vermin it is necessary to follow the two-week rule. Occasionally the entire house should be sprayed. The spray is made up to a strength of 3 per cent or three parts coal tar dip to 97 parts of water. Common kerosene is also effective in getting rid of lice and mites. It is used in proportion of 97 parts kerosene to three parts coal-tar preparation. The ordinary hand or bucket spray pump is used. The most effective and economical germicide that can be used at any time of the year is sunshine.

## COLT REQUIRES BOTH ATTENTION AND FEED

Growing Foal Needs More Food Than Milk Given by Dam to Make Mature Weight.

(By PROF. M. G. THORNBURG, Department of Animal Husbandry, Iowa State College.)

To make a 1,800-pound horse at maturity, the colt should weigh from 300 to 700 pounds at weaning time and 1,000 pounds at one year. To make the usual standard of 60 per cent mature weight at 12 months, the growing colt needs more food than the milk given him by his mother.

Some oats, fed in a separate box so his mother cannot get it, is better for growth than corn because it is a more balanced feed. A little bran and corn will do if the oats are not available. Even if the colt is on pasture, he needs a little grain.

If the mare is working, the colt should not follow her, wearing himself out in the hot sun. He should

Orchard Neglected. A large orchard poorly planted and poorly tended will not produce as good results as fewer trees well cultivated.

Keeping Fat Record. Are you keeping a butterfat record of your cows? If not, try it, and you will find many surprises.

Sharp Teeth. It pays to keep plow points and cultivator teeth sharp. A dull tool will never do effective work.

Fresh Air and Sunlight. Fresh air and sunlight in the farmer's house and barn will promote the health of his family and his cattle.

Using Old Methods. There is no need for any farmer to keep on farming in the same old hazardous way.

Cause of Epidemics. Epidemics of scarlet fever and diphtheria are caused by contaminated milk.

## SATISFACTORY BIN FOR FEED

If Cover is Snugly and Carefully Fitted Contents Are Secure From Dust and Mice.

A handy and satisfactory bin for flour or feed of any kind can be made from a barrel, a few boards and a piece of 2 by 4—as illustrated herewith:

The style and size of barrel used will depend largely upon the space where the bin is to be placed, writes



Revolving Feed Bin.

H. P. Gerber in Dakota Farmer. When not in use this bin can be pushed out of the way with a little pressure. If the cover is carefully fitted, the contents of the bin are secure from dust and mice.

A similar but smaller bin can be made by using a candy pail instead of a barrel or keg.

## PINK EYE QUITE INFECTIOUS

Disease Travels Through Herd of Cattle Rapidly, Apparently Irrespective of Age.

(By W. P. SHULER, Department of Veterinary Medicine, Oklahoma A. and M. College, Stillwater.)

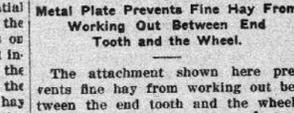
The true cause of pink eye in cattle is unknown. Its infectiousness cannot be doubted. It travels through a herd rapidly, apparently irrespective of the age of the animals. The disease runs its course in eight or twelve days and may result in a satisfactory recovery or the animal may be partially or totally blind in one or both eyes as a result of the attack. Apparently animals do not become immune to this disease. It is manifest by a watery appearance of the eye, which later becomes more or less purulent and the eyelids become gummed together. This attracts flies and is a very unsightly thing, as well as a torture to the affected animal. The treatment should be as follows:

Segregate the affected animals by putting them in a shady pen. Keep an abundant supply of pure, cool drinking water before them, and treat the eyes twice a day as follows: First wash off the lids and eyelashes with warm water and castile soap, then open the eye by catching up the upper lid with the thumb and first finger and rolling it back over the second finger. By means of a medicine dropper or cotton swab, wash the eye out with the following solution: Pyoktanin ten grains, boric acid four grains, lead acetate one dram, water sufficient to make eight ounces.

## ATTACHMENT FOR HAY RAKE

Metal Plate Prevents Fine Hay From Working Out Between End Tooth and the Wheel.

The attachment shown here prevents fine hay from working out between the end tooth and the wheel. It consists merely of a metal plate



Hay Rake.

riveted to the flat, extra heavy, end tooth. This device is useful for raking the fine short second growth hay. —Wisconsin Agriculturist.

## CATTLE DO NOT NEED HORNS

Dehorning Should Be Universal Rule Unless Animals Are Intended for Show Purposes.

Horns were useful to cattle when they had to fight for their existence, but domestic cattle do not need them. Like a man carrying a weapon, the creature with horns is likely to be uppish and contentious. Hence, dehorning should be the universal rule, unless the cattle are intended for show purposes. The time to operate is when the calf is young, and the thing to use is caustic potash. Moisten the end of a stick of the caustic and rub it on the "button" which has the intention of becoming a horn. Clip off the hair first. Care should be taken not to put on so much of the caustic as to cause it to flow off the button upon the skin. If used properly—and the operation requires no great skill—no horn will develop. Don't moisten the potash with the tongue!

## TREAT AND PREVENT MANGE

Wash Affected Parts With Solution of Coal Tar Dip—Reduce Feed of the Animals.

For horses and colts affected with mange the following treatment is recommended. Clip the affected parts and then wash with a 1-50 solution of coal-tar dip as often as found necessary and each time of washing rub flowers of sulphur on the parts while the skin is yet damp. Slightly reduce the feed of the animals and see that they receive abundant exercise. To prevent a spread of the affection distract the harness and use whitewash freely in the stable.

## "Bribery."

In his early days at the bar Sir Edward Carson was so hard up that he had to accept briefs marked as low as half a guinea.

On one occasion he was briefed to defend a certain Mick O'Dwyer in the Dublin courts at this meager figure. On the morning of the case, as Sir Edward was entering the court, a man stopped him.

"Look here, counsel, ye've a bit of a case for Mr. Mick O'Dwyer, haven't ye?" he said.

"I have—what about it?" demanded "counsel."

"Well," replied the man, with the air of a financier, "it's meself that's O'Dwyer, an' I'll tell ye what—if ye win the case I'll give ye five shillings for yourself!"

## Cheap Cooking Range.

An electrical toy range has lately been invented which can be made of real utility in a small apartment. At a demonstration recently given a hearty meal for five persons was cooked at the expense of 12 cents worth of current. The little stove includes an oven and six small hot plates. The meal cooked included a five-pound roast, boiled potatoes, biscuit, macaroni, two small apple pies and apple sauce. Of course such results are only obtained at that cost by a skilled demonstrator, but the tiny electric range has great possibilities for the adult housekeeper as well as for the small girl it was designed to amuse.

The chap who courts more than one girl at a time is courting trouble.

## Save the Babies.

INFANT MORTALITY is something frightful. We can hardly realize that of all the children born in civilized countries, twenty-two per cent, or nearly one-quarter, die before they reach one year; thirty-seven per cent, or more than one-third, before they are five, and one-half before they are fifteen!

We do not hesitate to say that a timely use of Castoria would save a majority of these precious lives. Neither do we hesitate to say that many of these infantile deaths are occasioned by the use of narcotic preparations. Drops, tinctures and soothing syrups sold for children's complaints contain more or less opium or morphia. They are, in considerable quantities, deadly poisons. In any quantity, they stupefy, retard circulation and lead to congestions, sickness, death. Castoria operates exactly the reverse, but you must see that it bears the signature of Chas. H. Fletcher. Castoria causes the blood to circulate properly, opens the pores of the skin and allays fever.

Genuine Castoria always bears the signature of *Chas. H. Fletcher*

## W. L. DOUGLAS

"THE SHOE THAT HOLDS ITS SHAPE" \$3.00 \$3.50 \$4.00 \$4.50 & \$5.00 FOR MEN AND WOMEN

Save Money by Wearing W. L. Douglas shoes. For sale by over 9000 shoe dealers. The Best Known Shoes in the World.

W. L. Douglas makes and the retail price is stamped on the bottom of all shoes at the factory. The value is guaranteed and the wearer protected against high prices for inferior shoes. The retail prices are the same everywhere. They cost no more in San Francisco than they do in New York. They are always worth the price paid for them.

The quality of W. L. Douglas shoes is guaranteed by more than 40 years experience in making fine shoes. The smart styles are the leaders in the Fashion Center of America. They are made in a well-equipped factory at Brockton, Mass., by the highest paid, skilled shoemakers, under the direction and supervision of experienced men, all working with an honest determination to make the best shoes for the price that money can buy.

Ask your shoe dealer for W. L. Douglas shoes. If he cannot supply you with the kind you want, take no other shoe. Write for interesting booklet explaining how to get shoes of the highest standard of quality for the price, by return mail, postage free.

LOOK FOR W. L. Douglas name and the retail price stamped on the bottom. *W. L. Douglas* \$3.00 \$2.50 & \$2.00. W. L. Douglas Shoe Co., Brockton, Mass.

Opportunity. The train was passing through a prohibition state, and the hardware drummer had forgotten to provide himself with a flask. When the train stopped at a little station he got out and asked a native on the depot platform if there was any place in town where he could get a drink.

The native shook his head. "You're just a day too late, stranger," he replied sadly. "The sheriff raided every place in town last night and confiscated all the booze. They're tryin' the fellers that sold it up to the courthouse right now."

"Lead me to that courthouse," commanded the drummer, pressing a coin into the native's hand. "They might want an expert up there to sample that stuff and tell 'em what it really is."

Edwin Woodring, hermit of Allentown, Pa., predicts speedy downfall of Turkey.

The efficiency of the steam turbine has increased 35 per cent in the last two or three years.

## Ask for and Get SKINNER'S

THE HIGHEST QUALITY MACARONI

35 Page Recipe Book Free SKINNER MFG. CO. OMAHA, ILL. LARGEST MACARONI FACTORY IN AMERICA.

## COTTON

We handle cotton on consignment on long and have the finest concrete warehouses with almost unlimited capacity, where your cotton will be absolutely free from all weather damage. Highest classification and lowest interest rates on money advanced. Write us for full particulars.

GOHLMAN, LESTER & CO. The oldest and largest exclusive cotton factors in Texas. HOUSTON, TEXAS

Agents Wanted—Sell No-Tox-Nix nitro-glycerine treated water. No patent medicine, used internally and externally with wonderful results. Money refunded if results not satisfactory. Our refund has been three bottles to the thousand. Good water, in poster and profit. Write to: H. W. H. Co., St. Louis, Mo.

His Limit. "Did young Spender listen to you at all when you spoke to him about the bill he owes us?" "Oh, yes, he paid close attention."

"Humph! That's all he ever will pay."

His Meal Ticket. "I met Mr. Blinks at the Van Gelta's dinner last night. Isn't he a most fascinating man?" "He has to be. If Blinks didn't get invited out to dinner three or four times a week he'd starve to death."

David Cline of Philadelphia has completed without an accident 45 years as a railroad engineer.

# THE HUNTER'S MOON

Should Find You Equipped With

## WINCHESTER RIFLES AND CARTRIDGES

Such an equipment will insure your success, as it has thousands of other hunters. Don't take a chance with other makes, but take along Winchester Rifles and Cartridges—the always-reliable kind. Made for all kinds of shooting.

**THE W BRAND BRINGS HOME THE GAME**