

THE GROWTH OF GOOD ROADS

Demand For Better Highways Is Nation Wide.

"GET OUT OF THE RUT."

Every One Is Awakening to the Value of Good Roads and the Remedy For Poor Ones—Up to the Farmers—Cooperation Is Essential.

The good roads movement throughout the country has awakened the farmer to the necessity of good, level roads for the promotion of rapid transit in marketing his farm products.

TREATMENT FOR INJURED UDDERS

Many times the wounds and injuries of the cows are slight and involve only the superficial structures of the gland and no well marked symptoms are present, writes A. E. Vandervort in Board's Dairyman. In these cases no special treatment is called for, as nature, under favorable conditions, will soon effect a cure. In the more severe cases the injuries are usually noticed by the milk or by the uneasiness of the animal while milking. Cuts and bruises are readily observed, while blows or injuries that do not abrade the skin are not so readily recognized. On careful examination hot, sore, swollen areas are located, which are superficial or deep, depending on the nature and severity of the injury.



BAD BEGINNING—GOOD ENDING.

That judge who's so majestic
And hunched down the law
Was once the wildest boy in town
And got licked by his pa.
He tied tin cans to yaller dogs,
Wore patches on his seat,
And for pure doggonic cussedness
"His honor" couldn't be beat.

That preacher—now, I'll whisper this—
Was not always so pious.
I knew him when he was a kid,
And he was sure cut blas.
Ask him about that hen he swiped
From old Adolph Hiss.
Of course I helped him pick her bones
And thus was tricky too.

That doctor who's so awful good
At healing maimed and sick—
Of all the fellows in our bunch
He surely was a brack.
Ask him who painted Tommy Jones
Till he was black as night
And bit Bill Johnson's ear half off
Down at the milldam fight.

But, last, there is that editor,
The booster of our town,
He had his tricks behind his ears
And did the thing up brown.
I'll not give all his tricks away,
But here's a tip on the level:
When he first started at his trade
He was the printer's devil.

I write these lines for folks whose boys
Play tricks and lead their breeches
That they may not despair of them
And blister them with switches.
Boys will be boys, girls tomboys too,
So let them rip and yell.
We find these kids so full of tricks
Most often turn out well.

C. M. BARNITZ.

KURIOS FROM KORRESPONDENTS

Q. Please tell me how some exhibitors manage to have their old fowls flourish the molt before the fall fairs. A. About July 1 they put them on short rations and half starve them for two weeks; then they give them a large ration of nourishing food that contains much meat and once a week mix a tablespoonful of sulphur in the mash to every twelve birds.

Q. I have a hen here that is out of shape. She lags down behind and waddles as if her back is broken. What are the cause and cure? A. Your hen is likely broken down because of excessive fat. You may get her back to form by cutting out corn and other fattener and making her scratch in litter for a short ration of oats and wheat. Such hens seldom get normal, are no good for breeders and most too fat to eat. If you kill her watch for tumors.

Q. Why do you suppose my Leghorn chickens set wry tails, crooked breast-bones and flop combs? A. Overcrowded chicks are sure to get bone deformities, while head lice or unnutritious food generally causes weakness, of which flop comb is an indication.

Q. How about feeding tankage to poultry? A. Tankage is only fit for fertilizer.

Q. Is cockle seed good for poultry,

and how much ought to be fed? A. Our poultry never touch cockle. Even sparrows refuse it, and what sparrows refuse your hens will not eat. Burn the cockle. It is a pernicious weed and crowds out the wheat.

FEATHERS AND EGGSHELLS.

When we purchased our land at Riverside, Pa., the ground had been farmed to death. It was almost as dead as a door nail. In a few years it was producing the finest crops of grain and hay in this section, and the puzzled farmers finally decided poultry fertilizer did it. This is true and a tip to you.

A Hanover (Pa.) fancier hatched a four legged chicken, and it is now growing a fifth leg. Such fowls might make a hit for garden rakers, but for market they are nil, as customers now kick at counting the two feet and shanks in the weight.

The Welsh Prince, a steamship plying between New York and Japan and the Philippines, has a big henhouse and chicken yard on the lower deck, and spring chicken and fresh eggs are served to officers and crew twice a week. The boat stocks up at the Philippines, where chickens are only 1 1/2 cents apiece, and on its last 40,000 mile trip ducks, geese and chicks were hatched and raised en route. This helped to break the monotony of the trip and furnished delightful eats.

In writing that poultry advertisement give the facts in good style and use clear photographs for cuts. Extraneous language and painted up rooster cuts chase many a customer. Half tones are better than line cuts for illustrations, because the half tone tells the truth, while the line cut is often made by a hot air artist.

In an experiment to decide the cost of raising autumn and spring chicks the Harpers Adams college, England, found that it cost 2s. 7 1/2d (63 cents) to raise an autumn hatched chick to killing age, 1s. 7d. (38 cents) more than the spring hatched bird. This news is for those fellows who persist in the claim that August chicks pay best.

Scientists of the Massachusetts Institute of Technology are experimenting on a plan to produce eggs free from bacilli. Hope they don't monkey with the antediluvian haymow egg. It goes off when it isn't loaded if gooded.

When a fellow gets the poultry bug it is not wise to let it inject his common sense. There is a legitimate enthusiasm, and there is an enthusiasm, or frenzy, we call it, that upsets the judgment and gets a man into all kinds of difficulty. When a man quits a good position and puts his earnings into poultry before he is wise to the business you may expect to see a failure and a sad one, and when he has a family it's worse.

The department of agriculture recently paid \$400 for 1,000 eggs for hatching, or 40 cents apiece. Now, if those eggs hatch as well as government seeds grow, wonder if they'll raise a row.

L. M. Barnitz.

Winter is Coming

and Carter's Wood is what you need to keep you warm.

See me when you want wood. I WILL SAVE YOU MONEY.

F. M. Carter
The Wood Man.



PART OF THE MASSACHUSETTS STATE ROAD in first class shape. The improvements intended will include good highways and byways throughout the vicinity, making them passable both in the summer and in the winter.

Good roads help the farmer as much as and more directly than the city man. A farmer whose home, gardens and crops are, say, ten miles from market may find it absolutely impossible to market his products when prices for staples are highest in fall, winter and spring if his roads have not been improved. Winter is no bar in a social or business way for the farmer whose roads have been improved.

In Colorado and North Carolina big things are being done in road building, and convicts are engaged in converting impassable roads into decent highways.

Private enterprise also has entered into the construction of new roads, and motorcar owners in the Fox river valley, Wisconsin, have each subscribed \$10 for the construction of a road seven miles long between the twin cities of Neenah and Memasha and Appleton.

The increasing popularity of the automobile among farmers is sure to stimulate greater promotion of good road building. The wear and tear on an automobile is lessened considerably when traveling over an even, smooth road, greater speed is attained, and the life of tires is increased considerably when they are subjected to a level surface, instead of ruts and holes that scrape the outer casing and injure the fabric. A city motorist endeavors to keep out of car tracks because of the bad and injurious effect they have on the tires of his car, but the farmer has no alternative when he travels over bad roads. He must strike the ruts, and the only remedy then is good roads. —Kinball's Dairy Farmer.

A Road Building Station.
The road board of Great Britain is about to establish a novel station for testing different materials and methods of road construction in connection with the national physical laboratory at Tredington. A circular track will be provided, and a number of experimental "roads" will be successively built thereon. On each of these will then be tried the effects of various vehicles, running at various speeds, taking account of width of tires, circumference of wheels, motive power, etc. Laboratory tests will also be made.

be avoided, as the results from these herds measures are often injurious to the gland.

Cuts, lacerations and bruises are treated in the cow the same as in man. Where the wounds are large and gaping they should be washed out with clean water and anti-septics, all ragged edges removed and the wound sewed up.

Live Stock on the Farm.

Live stock supplies a market for home-grown roughness and brings cash for much that would otherwise be waste. It rejuvenates the soil and makes it possible to farm the same land for centuries instead of generations, as is our present practice says the Kansas Farmer. It multiplies into a marketable commodity for which there is always a ready sale and a good price. Live stock and its products will never be as cheap as they have been, and they will probably become increasingly more costly. The man who has live stock for sale each year at such prices as have recently prevailed and will continue to prevail will always get ahead or have the means of doing so. His farm will be richer and his bank account larger by reason of their presence. In fact, no man who practices general farming as usually understood in the corn belt states will do himself the justice that he should do if he undertakes to farm without live stock.

Silage For Beef Feeding.

The best ration found for fattening cattle in winter at the Purdue experiment station is reported by Professor F. G. King to be one composed of all the corn and corn silage the steers will eat, two and one-half pounds of cottonseed meal per thousand pounds of steer and a small amount of dry roughage, either clover hay, corn stover or oats straw.

Steers fed on this ration have made a higher average profit than steers fed any other ration. Steers fed corn, cottonseed meal and corn silage with out dry roughage have made cheaper gains than those fed any other ration, but have not attained quite so high a finish as those fed this ration plus some dry roughage.—Breeder's Gazette.

Harvest Home.

Come, sons of summer, by whose toll
We are the lords of wine and oil
Crowned with the ears of corn, now come
And to the pipe sing "harvest home."
Come forth, my lord, and see the cart
Dressed up with all the country art,
Horses, mares and frisking fillies
Udd all in linen white as lilies.
The harvest wains and wainches bound
For joy to see the wagon crowned.
About the cart hear how the rout
Of rural youngsters raise the shout,
Pressing before, some coming after,
Those with a shout and those with laughter.
Some bless the cart; some kiss the sheaves;
Some bind their brows with oaken leaves.
—Robert Herrick.

TO THE RESCUE

WHO DOES YOUR LAUNDRY?

We will save your linen, but you must not waste much time getting our rescue hand at work.

LOW PRICES, BETTER SERVICE

Bend Steam Laundry.

"Put Your Duds In Our Suds"

Estimates on application Wall Paper at Portland Prices

N. P. WEIDER PAINTER & Paperhanger

Cheapest and Best Wall Paper Samples in the county. Get My Prices.

Office across street from postoffice
Box 39. Bend, Oregon.

THE ALTAMONT

MODERN CLEAN COMFORTABLE STEAM HEAT HOT WATER BATHS

First Class DINING ROOM

J. J. KLEIN, Proprietor.
MRS. W. D. CURSEY, Mgr.

Billiards and Pool

Fine and Popular Line of CIGARS

Robert Blackwell
Wall Street, Bend, Oregon

BEND VIEW

WATCH IT!

Just Five Weeks

from today is Christmas!

You know you'll want those

Photos

made, so why delay until the last minute?

MOUNTINGS in 40 tasty styles to select from.

Mrs. Todd will assist, by appointment.

The Elite Studio.

Shoe REPAIRING

First Class Work of all kinds done promptly.

Agt. for Washington and Mayer Shoes.

R. H. LOVEN

Wall street, Bend, Ore

The Star Theatre

can be rented any afternoon for meetings of all kinds. EXTREMELY MODERATE RATES

Harry Wyse, Lessee

PATENTS

VALUABLE INFORMATION FREE

If you have an invention or any patent matter, write immediately to W. W. WRIGHT, registered attorney Loan & Trust Bldg. Washington, D. C.

STORAGE AND FORWARDING.

GENERAL COMMISSION MERCHANTS

The United Warehouse Company

Bend, Oregon.

O'DONNELL BROTHERS UNION MARKET

FRUIT TREES

Our nursery is located on Powell Butte, fourteen miles east of Bend. Our trees are the kind we recommend after over thirty years experience in the fruit business in this neighborhood. Our prices and treatment will please you. Catalog free on request. Come and see our orchards and nursery. Office address, Prineville, Ore.

LAFOLLETTE NURSERY CO.