When Work Is Hard

That kidney troubles are so common is due to the strain put upon the kidneys in so many occupations, such as:
Jarring and jolting on railroads, etc.
Cramp and strain as in barbering, moulding, heavy lifting, etc.
Exposure to changes of temperature in iron furnaces, refrigerators, etc.
Dampness as in tanneries, quarries, mines, etc.
Inhaling poisonous fumes in painting, printing and chemical shops.
Doan's Kidney Pills are fine for strengthening weak kidneys.

A Nebraska Case

M. Liebert, shoemaker, Seward, Neb., says: "I suffered from pains through the small of my back, together with headaches and dizzy spells. I could hardly stoop and mornings I got up tired and worn out. The kidney secretions were highly colored and very painful in passage. Doan's Kidney Pills made my kidneys normal and corrected all the other ailments. I seldom have need of a kidney medicine now."

Get Doan's at Any Store, 50c a Box

DOAN'S KIDNEY PILLS

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

Constipation Vanishes Forever

Prompt Relief—Permanent Cure

CARTER'S LITTLE LIVER PILLS never fail. Purely vegetable — act surely but gently on the liver. Stop after dinner distress—cure indigestion, improve the complexion, brighten the eyes.

SMALL PILL, SMALL DOSE, SMALL PRICE.

Genuine must bear Signature

Brent Good

By-Product Coke Oven.

The iron industry of this country has been adopting the by-product coking process at a marvelous rate. There are practically no by-product coke plants in the United States, which do not recover ammonia, tar and light oil (crude benzol).

In the vast majority of the plants also surplus gas is recovered and utilized either at the plant itself or by distribution to outside consumers. There are possibly two or three very small by-product coke plants at which tar and ammonia are not recovered for disposal to the outside markets, but these would certainly represent considerably less than 1 per cent of the total by-product coking capacity of the country that is not now equipped with benzol recovery plants, and the by-product coking plants now under construction have either contracted for benzol recovery equipment or indicated a strong probability that such provision will be made.—Metallurgical and Chemical Engineering.

TENDER SKINNED BABIES

With Rashes and Irritations Find Comfort in Cuticura. Trial Free.

Baby's tender skin requires mild, soothing properties such as are found in the Cuticura Soap and Ointment. Cuticura Soap is so sweet, pure and cleansing and Cuticura Ointment so soothing and healing, especially when baby's skin is irritated and rashy.

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

Avoiding a Suggestion.

"Do you think your townspeople will give you any banquets?"

"Not if I can head 'em off," replied Senator Sorghum. "I don't want to get with a crowd and sit right down in front of a reminder of the high cost of living problem."

Women Once Invalids

Now in Good Health Through Use of Lydia E. Pinkham's Vegetable Compound. Say it is Household Necessity. Doctor Called it a Miracle.

All women ought to know the wonderful effects of taking Lydia E. Pinkham's Vegetable Compound even on those who seem hopelessly ill. Here are three actual cases:

Harrisburg, Penn.—"When I was single I suffered a great deal from female weakness because my work compelled me to stand all day. I took Lydia E. Pinkham's Vegetable Compound for that and was made stronger by its use. After I was married I took the Compound again for a female trouble and after three months I passed what the doctor called a growth. He said it was a miracle that it came away as one generally goes under the knife to have them removed. I never want to be without your Compound in the house."—Mrs. Frank Knobl, 1642 Fulton St., Harrisburg, Penn.

Hardly Able to Move.

Albert Lea, Minn.—"For about a year I had sharp pains across my back and hips and was hardly able to move around the house. My head would ache and I was dizzy and had no appetite. After taking Lydia E. Pinkham's Vegetable Compound and Liver Pills, I am feeling stronger than for years. I have a little boy eight months old and am doing my work all alone. I would not be without your remedies in the house as there are none like them."—Mrs. F. E. Yost, 611 Water St., Albert Lea, Minn.

Three Doctors Gave Her Up.

Pittsburg, Penn.—"Your medicine has helped me wonderfully. When I was a girl 18 years old I was always sickly and delicate and suffered from irregularities. Three doctors gave me up and said I would go into consumption. I took Lydia E. Pinkham's Vegetable Compound and with the third bottle began to feel better. I soon became regular and I got strong and shortly after I was married. Now I have two nice stout healthy children and am able to work hard every day."—Mrs. Clementina Duerring, 34 Gardner St., Troy Hill, Pittsburg, Penn.

All women are invited to write to the Lydia E. Pinkham Medicine Co., Lynn, Mass., for special advice,—it will be confidential.

DRUGGISTS HIGHLY RECOMMEND DR. KILMER'S SWAMP-ROOT

Satisfied With Results

I have been selling Dr. Kilmer's Swamp-Root for six and one-half years and my customers are always satisfied with the results obtained from the use of the medicine and speak favorably regarding it. I have used it for "pain in the back" and a bottle or two put me in good shape and made me feel fine again. I believe Dr. Kilmer's Swamp-Root will cure any cases for which it is recommended if they are not of too long standing.

Very truly yours,
FRANK JENKINS, Druggist.
Pilgrim, Texas.

November 11th, 1915.

Customers Speak Favorably

We have been handling Dr. Kilmer's Swamp-Root for fourteen years and during all that time we never had a dissatisfied user of Dr. Kilmer's Swamp-Root; all of our customers speak very favorably regarding it. We know of cases of Gall Stones, Gravel, Catarrh or Inflammation of Bladder and Rheumatism where it produced the most beneficial results. We believe it is a good medicine for the diseases for which it is intended.

Very truly yours,
McCUNE DRUG CO.,
By N. E. McCune,
Bridgeport, Texas.

November 11th, 1915.

Prove What Swamp-Root Will Do For You

Send ten cents to Dr. Kilmer & Co., Binghamton, N. Y., for a sample size bottle. It will convince anyone. You will also receive a booklet of valuable information, telling about the kidneys and bladder. When writing, be sure and mention this paper. Regular fifty-cent and one-dollar size bottles for sale at all drug stores.

SELECTING GOOD SEED

Best Grade Is Produced Under Favorable Conditions.

Look Over Various Parts of Field and Mark Parts Wanted for Seed—Should Be Stored Separate From Other Grains.

(By C. P. BULL, University Farm, St. Paul.)

The very best time to get good seed is when it is in the making. Good seed is like good live stock—best when it comes of good ancestry and is produced under favorable conditions. So it is that some parts of the fields are better than others for the production of mature, well-filled, sound seed; while other parts will produce a less valuable product. Looking over the various parts of the field before cutting, one may select the parts of the crop to be handled separately for the next year's seed supply. No extra work or "fussing" will be necessary before cutting. The field may be cut as a whole and shocked, but extra care is necessary in setting up shocks in the "seed" part of the field. A 12-bundle shock with two cap sheaves will withstand unfavorable weather and protect the grain.

As soon as the grain is field-dry it should be stacked or threshed. The seed grain should be put in a separate stack and the cap sheaves should not be allowed in with the other parts of the shocks. They may go in with the feed or sale grain. When threshed the seed grain should be stored separate from other grain, thus keeping it unmixed. When thus kept separate from field to bin it will be ready at any time for the last analysis—the fanning mill—before sowing.

It is not an easy matter always to judge the increased profit that comes from saving seed grain in this manner. Climate, soil and diseases have much to do with the apparent physical condition of the crop, but in the long run, such saving of seed will give much stamina to the variety and increase its yielding capacity.

CLIP YOUNG ALFALFA PLANTS

Practice Keeps Down Weeds, Encourages Greater Growth and Development of the Roots.

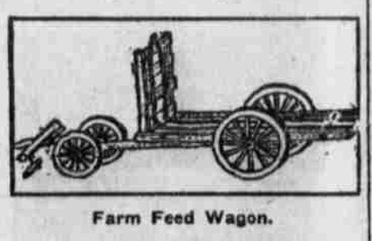
Clipping the young alfalfa crop is considered a good practice. It keeps down weeds which, if allowed to get their full growth, might smother out the young plants. It encourages the growth of a more stocky plant and greater root development. Set the sickle bar of the mowing machine high and go over the field several times during the summer.

No hay crop should be removed the first year unless very early seeding has been done on unusually rich soil. It is safest to leave a good growth on the ground as a cover during the winter. Late summer seeding needs no attention. The entire growth should be left as a winter cover and should not be grazed.

EXCELLENT WAGON FOR FEED

Rack Arranged So That It May Be Pulled Back Over Hind Wheels—Much Time Is Saved.

Here is an excellent wagon for feed hauling. The feed rack is arranged so that it may be pulled back over the rear wheels, the hind part of the rack resting on the ground. Feed



Farm Feed Wagon.

may be unloaded from it in a fraction of the time needed to unload an ordinary wagon. It keeps the hay and the fodder in good shape. The ropes seen on the front of the rack are extended back over the fodder and when the rack is dropped a team is hitched to these ropes. A single pull and the ropes roll the load off on the ground.

CONTROL OF APPLE DISEASES

Extensive Work Done by Bureau of Plant Industry in Spraying—Special Feature of Work.

The bureau of plant industry has been doing some extensive work in the way of spraying for the control of apple blotch and apple bitter-rot. The special feature of this work has been the discovery of the over-wintering of the bitter-rot fungus on various small and minor cankers and on cankers and injuries produced by other causes, and the demonstration that when these are removed full control of bitter-rot can be obtained.

DRY CLIMATE FOR DEWBERRY

Does Best When Mulched With Old Hay or Straw—Many Prefer It to the Blackberry.

The dewberry does best in a dry climate when mulched with old hay or straw. This berry spreads like the strawberry by rooting down at the joint and the mulching prevents too many plants starting.

Many persons prefer the dewberry to the blackberry.

KEEPING RECORDS OF FEEDS

Where Scales Are Not Handy, Estimates of Feeding Stuffs Will Be Found Quite Convenient.

In keeping records of feeding cows or other animals scales should be handy. But it may not be necessary to weigh every feed as this might require considerable time and perhaps not be convenient owing to early and late hours being used when a light might be required.

A good way to do this is to weigh a measure full of feed and estimate the weight by this measure. One can estimate the weight within close limits in this way.

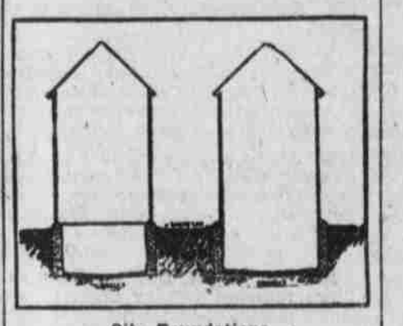
Frequently no scales are at hand when the feeder is trying to feed a balanced ration. The following estimates of the common feeding stuffs will be handy:

A quart measure of cottonseed meal weighs 1.5 pounds; wheat bran (coarse), .5 pound; wheat middlings (coarse), .8 pound; wheat middlings (fine), 1.1 pounds; mixed wheat feed, .6 pound; cornmeal, 1.5 pounds; oats, 1.2 pounds; rye bran, .6 pound; linseed meal, 1.1 pounds; gluten, 1.2 pounds.

SOLID FOUNDATION FOR SILO

There Should Be No Shoulder Left by Wall as This Will Cause Injury to the Silage.

The first silo shown has a badly constructed foundation. The second is approximately correct. There should be no shoulder left by the wall, as this causes spoiled silage. The foundation wall, and, in fact, the walls of the entire silo, should be as smooth as possible. If due care is used in tramping the silage during the filling, doors which extend into the silo are not a



Silo Foundations.

serious objection, though perfectly flush doors are certainly an advantage. A vertical wall is the only satisfactory wall to use, as a wall inclined outward will support the silage to a certain extent and prevent it settling satisfactorily, thus creating air pockets. When the wall is inclined inward the silage will settle away from it. In the case of concrete silos with tapered walls, these should be vertical on the inside.

LATE BLIGHT IS INJURIOUS

Disease of Potatoes Is Especially Serious During Wet Seasons—Caused by Fungus.

One of the serious potato diseases is the late blight. This disease is especially injurious during wet seasons. Blight is caused by a fungus which lives over winter in the tubers. When the diseased tubers are planted the mycelium of the fungus grows up through the sprouts to the surface of the ground where spores are produced on the surface of the stems and leaves. These spores are blown to other plants where, with sufficient moisture, they grow and enter the tissues of the plant, branching out in all directions. Many of the spores fall to the ground, where they may infect the young tubers. If the tubers are dug while the disease is active on the vines large numbers of spores come in contact with the tubers and may produce infection.

LIVE STOCK FAVOR ALFALFA

Not Generally Pastured for Reason Plant Does Not Thrive—No Serious Danger of Bloat.

Alfalfa makes excellent pasture for all kinds of live stock, but it is not generally pastured for the reason that it does not stand pasturing well if heavily pastured with cattle. Light pasturing, however, is not objectionable. There is no serious danger of bloat if the cattle are turned on gradually and in the middle of the day and after they are pretty well filled up on other pasture. A sudden change of feed is not well for hungry stock of any kind. You can pasture your alfalfa safely and get good results from it, but if we were anxious to keep the field in alfalfa continuously and get the greatest yields possible we would not pasture it.

COTTONSEED AS DAIRY FEED

One of Cheapest Sources of Protein Supply—Amount Fed Daily Should Not Be Large.

(By R. S. HULCE, Illinois Experiment Station.)

Cottonseed meal is one of the cheapest sources of protein supply for dairy cows. Only meal that is in good condition should be used in a grain mixture. Since the meal itself is very rich concentrate, the amount of cottonseed meal fed daily should ordinarily not exceed three pounds and should be used as one of several feeds in a grain mixture. The character of the grain mixture that should be fed will depend somewhat on the nature of the roughages being used.

WRIGLEY'S

THE PERFECT GUM

Let us make you acquainted with the new, luscious flavor—

It's all that the name suggests!

Wrigley quality—made where chewing gum making is a science.

Now three flavors:

Have a package of each always in reach

Don't forget WRIGLEY'S after every meal

WRAPPED IN UNITED COUPONS

645

Leonardo da Vinci Statue.

The museum of fine arts at Budapest, Hungary, has acquired what is declared to be a treasure in an almost unknown bronze statue of Leonardo da Vinci, executed by himself.

The Hungarian sculptor Stephen Ferenczy bought the bronze in Italy early in the nineteenth century without knowing that Da Vinci was its creator.

It was not until after Ferenczy's death that the authorship was established.

Simply Beyond Them.

"The subjects of royalty are queer."

"How so?"

"They don't seem able to take it in when a king acts like an ordinary human being."

Their Merits.

"I like the dog as a reliable animal; he is always ready to stand pat."

"And so is the cat, at so much purr."

Canada taxes ice imports 7½ per cent ad valorem.

The Bluff That Failed.

"No," said the fair, but frigid maid, "I wouldn't marry any man on earth."

"I get you," replied the practical youth. "My trusty aeroplane is anchored to the trusty lightning rod, and a friend of mine who is a sky pilot, will gladly tie the knot above the clouds."

And seeing that her bluff was called the fair one struck a match to the iceberg pedestal on which she was posing, and fell into his waiting arms.

Ask for and Get SKINNER'S THE HIGHEST QUALITY SPAGHETTI

36 Page Recipe Book Free

SKINNER MFG. CO., OMAHA, U.S.A.

LARGEST MACARONI FACTORY IN AMERICA

W. N. U., OMAHA, NO. 42--1916.

Longest wearing rubber overshoes made—20,000,000 pairs have proved it!—

Made of rubber as tough almost as rawhide, they won't kick through at the heels or wear through on the soles like others do.

Light in weight, "classy" in looks and snug as a glove in fit.

Double wear in every pair—men's, women's or children's. Sold—and recommended—by 38,000 stores. Ask for

GOODRICH "STRAIGHT-LINE" RUBBERS

—not just "rubbers"

ALL STYLES

Made like Goodrich Auto Tires—outwear all others

New auto tire tread rubber—tough as nails!—in them. Made into ONE SOLID WEAR-RESISTING PIECE, same as Goodrich Auto Tires. Look for the RED LINE 'ROUND THE TOP—it marks the genuine. Ask for

"HIPRESS"

THE ORIGINAL BROWN RUBBER BOOTS AND HEAVY SHOES

The B. F. Goodrich Co., Akron, Ohio

Makers, also of TEXTAN—the Goodrich Sole, that outwears leather on leather shoes.