

# GET READY FOR "FLU"

Your Liver Active, Your System Purified and Free From Colds by Taking Calotabs, the Nauseless Calomel Tablets, that are Delightful, Safe and Sure.

Physicians and Druggists are advising their friends to keep their systems purified and their organs in perfect working order as a protection against the return of influenza. They know that a clogged up system and a lazy liver favor colds, influenza and serious complications.

To cut short a cold overnight and to prevent serious complications take one Calotab at bedtime with a swallow of water—that's all. No salts, no nausea, no griping, no sickening after effects. Next morning your cold has vanished, your liver is active, your system is purified and refreshed and you are feeling fine with a hearty appetite for breakfast. Eat what you please—no danger. Calotabs are sold only in original sealed packages, price thirty-five cents. Every druggist is authorized to refund your money if you are not perfectly delighted with Calotabs.—(Adv.)

### Landscaper Spoilers.

"Some people," said Mr. Growcher, "are like the machinery for fixing up streets. They are absolutely necessary, but it's a great relief when they get through and go somewhere else."

### "Cold in the Head"

An acute attack of Nasal Catarrh. Persons who are subject to frequent "colds in the head" will find that the use of HALL'S CATARRH MEDICINE will relieve the system, cleanse the blood and render them less liable to colds. Repeated attacks of Acute Catarrh may lead to Chronic Catarrh. HALL'S CATARRH MEDICINE is taken internally and acts through the blood on the mucous surfaces of the system. All Druggists 50c. Testimonials free. \$2.00 for any case of catarrh that HALL'S CATARRH MEDICINE will not cure. F. J. Cheney & Co., Toledo, Ohio.

Most of us do things merely because other people do them.

Brighten up the home.

## WOMAN WORKS 15 HOURS A DAY

Marvelous Story of Woman's Change from Weakness to Strength by Taking Druggist's Advice

Peru, Ind.—"I suffered from a disconcerting backache and dragging down pain in my back, so badly that at times I could not be on my feet and it did not seem as though I could stand it. I tried different medicines without any benefit and several doctors told me nothing but an operation would do me any good. My druggist told me of Lydia E. Pinkham's Vegetable Compound. I took it with the result that I am now well and strong. I get up in the morning at four o'clock, do my housework, then go to a factory and work all day, come home and get supper and feel good. I don't know how many of my friends I have told what Lydia E. Pinkham's Vegetable Compound has done for me."—MRS. ANNA METERIANO 36 West 10th St., Peru, Ind.

Women who suffer from any such ailments should not fail to try this famous root and herb remedy, Lydia E. Pinkham's Vegetable Compound.

## TRAPPERS

Since 1874 thousands of trappers have shipped us annually their entire catch of RAW FURS

They knew they would receive spot cash and absolutely fair and square treatment. Send us your next consignment of Beaver, Fox, Marten, Otter, Possum, Beaver, Raccoon, Lynx, etc. Highest Market Prices. No commission charged. Send for price list today.

OTTO WAGNER  
124, 126, 128, 140 West 20th Street  
NEW YORK CITY, N. Y.

## Liggett's Kings

KING PIN PLUG TOBACCO

Known as "that good kind"

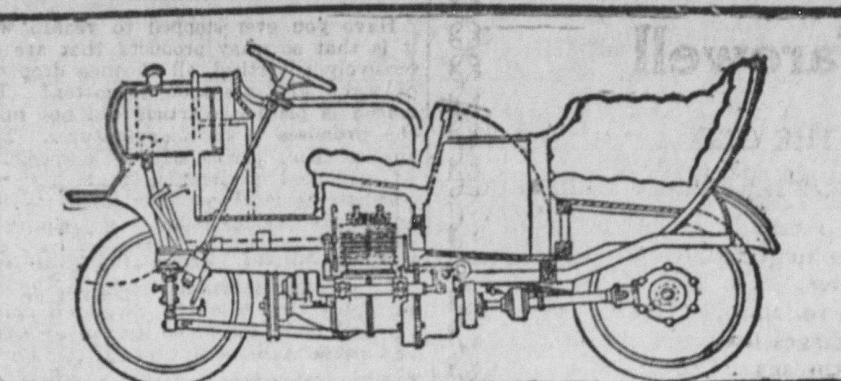
Try it—and you will know why

## for COLDS take

Inhale Olive Tar for colds, coughs, sore throat—all winter troubles. Soothes, Heals, Gratifies. Quick Relief.

HALL & BRUCKEL, Inc. 215 Washington Street, N. Y.

## JAPANESE AUTO HAS MOTOR UNDER SEAT



By Placing the Air-Cooled Engine Under the Front Seat, This Automobile, of Japanese Design, Secures a Large Seating Space in a Light Car.

A Japanese inventor, determined to get as much seating space as possible into a small, light automobile, puts the vertical engine under the front seat, which tips over backward for inspection. A fan, in a ventilation chamber surrounding the motor, air-cools it. The gasoline tank is in front, in place of the absent radiator. While the architect of this vehicle evidently achieved his object, the result is somewhat reminiscent of our own achievements of 1900, or thereabouts.—Popular Mechanics Magazine.

## REGULAR OILING OF CAR SPRINGS

Cleveland Auto School Head Thinks Neglect Is Often the Cause of Breakdowns.

## EASY WAY OF LUBRICATION

Put Lifting Jack Under Body of Car and Spring Leaves Are Separated by Means of Small Tool—Prolongs Life of Car.

The reason you feel completely tired out after a day's ride in one car—or on the other hand, thoroughly refreshed after a similar trip over practically the same road in another car, is due to a difference in the action of the springs of the two cars, says Clyde H. Pratt, president of the Cleveland Automobile School company.

The most important part of the car's mechanical construction as far as the riding qualities are concerned is the springs. If the reader will take the trouble to look at the springs of various cars he (or she) will note that there are a number of general types of springs. These may be classed under various names, among them full-elliptic, semi-elliptic, three-quarter elliptic, cantilever and platform springs being the most common.

How Springs Are Made. All springs, regardless of their type, are made up of a number of separate layers of flat pieces of spring steel placed one above the other, short pieces being in the middle and the longer ones extending through to the eyes of the spring. The spring is connected to the frame by means of a spring shackle which is fastened to the end of the spring by a spring bolt through the eye.

By watching the springs carefully when someone else is tending the car up and down you will notice that these separate leaves slide on each other instead of simply bending as most people suppose. In order to keep the vibration of the axle from being transmitted to the body of the car it is necessary to see that the spring leaves slide easily on each other, and in order for them to do this there must be a film of oil between the separate leaves through their entire length.

Without this oil film these springs cannot slide without excessive friction, which means that they will not bend properly and the spring action instead of being smooth will be stiff and jerky, with the result that the car will ride hard and the springs are more liable to break. In fact, most of the broken springs can be traced to a lack of proper lubrication of the spring leaves.

Easy Way to Oil. An easy way to oil these is to put a lifting jack under the body of the car, so that the weight will be taken off the springs. The spring leaves are then easily separated by means of a screw driver or a small chisel and a little graphite in oil is easily inserted. Graphite is usually used with the oil in the spring leaves, because the graphite does not work out as quickly as the oil alone would.

Many Spring Oilers. There are many different kinds of spring oilers on the market. Some of these are good and others are good only because the spring needs oiling and these help to call your attention to it. The spring bolts must also be oiled practically every day or they soon wear so the springs work hard and then at an unexpected moment break, allowing the car to drop down.

The market also offers many auxiliary springs and various shock absorbers which will very often make quite a difference in the riding of the car. But with the instructions that come with all of these various attachments you will find that one of the very important items which they bring out is to have your springs thoroughly oiled or greased before applying the spring sustaining device.

As you travel around in various makes of cars you will find that it is not so much the make of spring or the type of spring which makes the car ride easy as it is the proper care and lubrication of the springs. This more than anything else will keep your springs from breaking, making your car ride easy, cut down your gasoline consumption and prolong the life of the car and tires.

## PREPARE TIRES FOR LONG, HARD WINTER

Car Owners Should Take Few Necessary Precautions.

Carefully Wash on Outside to Remove All Harmful Substances, Wrap in Paper or Carpet and Store in Dry Place.

The skin is thick on the belly of the codfish and the fur is heavy on the back of the squirrel, so prepare for a long, hard winter.

Many motorists will soon put their cars in the barn for the winter and think no more of motor riding until about the middle of March.

Many automobile tires will go into storage with thousands of miles of wear left in them, and car owners should take the few precautions necessary to keep them from damage while they are not in use.

Here are some recommendations made by the service department of a large tire company to the motorist who wants to put his tires away and find them in good shape next spring:

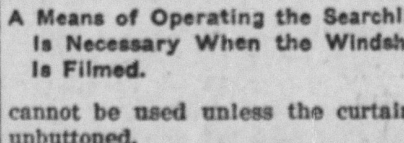
1. Wash tires carefully on outside to remove oil and other harmful substances.
2. Remove tires from wheels and wrap in paper or old carpet.
3. Store in a cool, dry place, away from light. Heat, light and moisture are enemies of rubber.
4. Cold has no bad effect on tires, but they should be properly housed.
5. If tires are left on car, jack up car, deflate the tires and wrap them in covers.
6. Don't let car stand on tires all winter. To do so means weakening them in the parts that rest on the floor.

Care will make the tires last out the full length of their guarantee, despite climatic conditions.

## CIRCULAR HOLE IN CURTAIN

Handy in Operating Searchlight During Storm When Windshield is Filmed Over.

Driving through rain, snow or fog is dangerous business at night if the storm curtains enclose the car. The searchlight at the left of the driver



A Means of Operating the Searchlight is Necessary When the Windshield is Filmed.

cannot be used unless the curtain is unbuttoned.

A circular hole, large enough for the arm to be thrust through, can easily be cut in the curtain and patched in the manner shown in the illustration. This will prevent the rain from entering the car but allow the driver to get at the searchlight.—C. C. Spreen in Popular Science Monthly.

## AUTOMOBILE NEWS

Finesse in driving is essential if maximum pleasure, safety and comfort are to be obtained from a car.

In order to get the best service from your tires it will be necessary to keep careful track of the number of miles run.

Clutch trouble is one of the commonest complaints among car owners. The clutch throwout collar needs daily lubrication.

If the owner should have occasion to dismantle the springs he should take the opportunity to spread a lubricant over the leaves.

An attachment invented in Europe enables a person in any seat in an automobile to regulate its speed without the knowledge of the driver.

## LARGE CAPACITY FOR DAIRY COWS

To Develop This Characteristic Calf Must Be Kept Growing From Beginning.

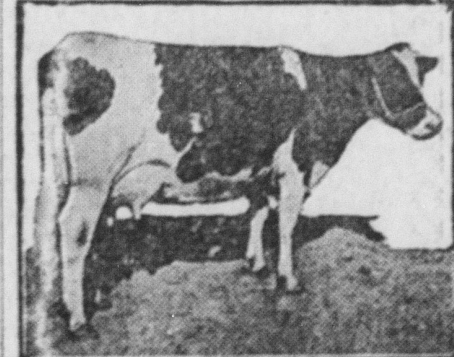
## SUPPLY ABUNDANCE OF HAY

Holstein Heifers Should Not Be Bred to Freshen Before Twenty-Four Months Old—Work Up to Full Capacity Gradually.

It is a well-known fact that capacity is one of the essentials of a good dairy cow and in order to develop this characteristic the calf must be kept growing from the very beginning. A stunted calf will never recover from the handicap. The calf should be induced to begin eating grain and hay at as early a date as possible and there should always be an abundance of the hay accessible. Roughage develops capacity in the digestive organs—an item of importance—as the amount of feed that a cow will consume depends largely upon the development of these organs.

## Age to Breed Heifer.

Heifers should not be bred too young, the age depending upon the breed to which they belong as well as the development of the individual. Holstein heifers should not be bred to freshen before they are 24 months old, as a rule, and a great many would do better if given 26 or 28 months. Heifers should be in good condition at time of freshening, although not fat from an



Splendid Type for Dairy.

excessive carbohydrate ration. After freshening, they should be worked up to full feed very gradually, receiving all the roughage they care to consume without waste; alfalfa or clover hay fed in connection with silage or roots being a very good combination.

## Amount of Grain to Feed.

The grain should be light in character to begin with and gradually changed to a mixture of grains that will supplement the roughage; 300 pounds ground oats, 300 pounds ground corn, 100 pounds wheat bran and 100 pounds gluten feed being a good combination to go with the roughage mentioned above. The grain can be increased a fraction of a pound a day so long as there is an increase in the milk flow, but as soon as there is no response to the increase it must be cut down until there is a falling off in the milk flow and then the increase may be begun again. When on full feed they will be consuming about one pound of grain to every 3½ pounds of milk produced.

In the absence of silage or roots, dried beet pulp may be used, but if none of these are available or are too high in price, oilmeal can be used in the grain mixture to advantage. In the absence of silage and roots, the cows will consume a large quantity of alfalfa. Sometimes it is advisable to chaff and mow a portion of it when fed under these conditions.

## FERTILITY IN DEAD LEAVES

Contain Large Amount of Potash and Are Useful as Mulch or Fertilizer for Garden.

Because leaves contain relatively large amounts of potash, chemists at the Ohio Experiment Station point out, the economy of using leaves as a mulch or fertilizer for the garden, rather than burning them in the streets or gutters. They show that 100 pounds of leaves are worth about 58 cents for their fertilizing value.

When leaves are burnt the ash still contains a considerable amount of fertilizing materials; but as the ashes are generally swept away by the wind or washed away by the water, their value is lost. To secure the best results from leaves as fertilizer, it is best to pile them in the garden and let them furnish a mulch for the ground during the winter; then they may be spaded in the spring and incorporated with the soil.

## COW CONSUMES BULKY FEEDS

Most Economical Method for Marketing Different Crops—Much Fertility is Saved.

When it comes to marketing grain, hay, silage, green crops, etc., the dairy cow is almost indispensable for economy. She consumes these bulky feeds, converts them into finished products easily and economically marketed and at the same time saves much of the fertility in the manure. Where hay, corn, fodder, etc., must be hauled to market there is considerable expense. If most of this expense can be saved there is a wider margin for profit on the farm.

## REARRANGE PERCHES IN CHICKEN HOUSES

See That Roosts Meet Requirements of Various Fowls.

Birds of Heavy, Large Breeds Should Not Be Compelled to Jump Too Far—Dangerous to Permit Hens to Crowd at Night.

When making readjustments in the poultry houses it is always well to look over the perches and see if they meet the requirements of the birds. If fowls are of the heavy, large breeds the perches should not be as high, for many ill effects are the result of jumping from high perches. The lighter-weight fowls are usually better flyers and can assist themselves in getting up and down much better than can the heavy ones. The two kinds should never be kept in the same house at night if for no other reason than the above, says a writer in an exchange. The height of the perches also brings trouble if every one is not on the same level. In endeavoring to secure the safest place in the house all fowls will try to reach the highest perch and the lower ones are practically useless except to the ones that could not fight their way higher.

Always aim to have the perches at the same height and have room enough on them to avoid crowding. There are dangers in crowding the hens at night, to say nothing of this discomfort. No hen likes to be uncomfortable, nor does any animal, in fact, and if we make domestic fowls of the hens we must give them the privileges and liberties, as nearly as we can, resembling that of their natural state.

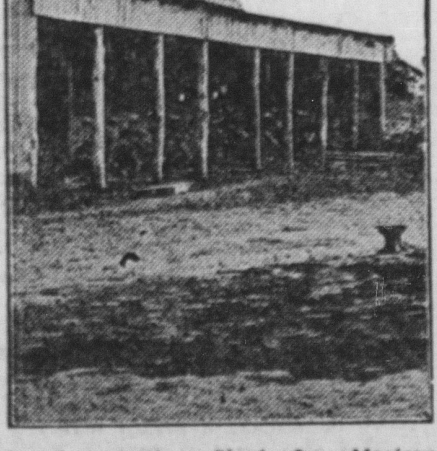
High jumping from the roosts is likely to injure the legs of the hens, and if the birds have not attained their growth they will be more liable to deformities. It is the natural instinct of the fowls to want to roost high, away, as they suppose, from their enemies, as they do in the wild state; and while rats should not be permitted to infest the houses there is less danger from them when the fowls are high up. Then, too, the little streams of air (that should not be allowed to flow in on the hens) will do less damage if the roosts are not too low. While very high roosts are disapproved of it is, nevertheless, advantageous to have them high enough so that the birds may feel safe and at the same time have them on the level for the whole flock that inhabits the one house.

## GOOD SHED FOR IMPLEMENTS

Drainage Should Be Sufficient to Keep Different Machines From Standing in Wet Place.

A serviceable implement shed should be thoroughly drained so that the implements do not stand in a wet place. It must protect articles from sun, wind and moisture. It must not be too expensive. It should be situated in a convenient spot and so arranged as to be easily used.

The material from which the shed is made will depend upon the cost and the locality. Very good sheds are



An Inexpensive Shed for Various Farm Implements.

made of wood-frame construction, covered with sheet iron. Other good ones can be made of wood-frame construction and closed in with barn siding, drop siding, or with ship-lap. Shingles, corrugated iron or patent roofing make good roofs for machine sheds.

## EYES OF ANIMALS RELIEVED

Ten Per Cent Boric Acid and Ninety Per Cent Pure Water is Most Excellent Remedy.

Sore and watery eyes of animals may be relieved by a solution of 10 per cent boric acid and 90 per cent pure water. Apply it on absorbent cotton and use a fresh piece every time the eyes are treated.

## USE OF QUICKLIME FAVORED

Superior to Put in Graves of Animals Dying From Different Contagious Diseases.

Quicklime is good to put in the graves of animals that die from contagious diseases. In using it the carcass should be surrounded and covered with twice its weight of the quicklime.

## "Stomach Trouble, Sleepless, Palpitation"



Dillon's Mills, Va.—"Some years ago I suffered with nervous indigestion and I had a continuous burning sensation in the pit of my stomach, with palpitation of the heart so bad at night that I could not sleep. I became very miserable and nothing I took gave me any relief. Some one sent me one of Dr. Pierce's pamphlets through the mail and I became interested at once in the 'Golden Medical Discovery.' The first few doses of it gave me the first relief I had had in months and I took three bottles of it, which made me feel like a different man. In eighteen years I have not had to diet or deprive myself of anything to eat, and my appetite is always good, so I know that I have been cured of my stomach trouble."—J. F. Bowles, R. F. D. 1, Box 42.

## Thin Blood, Run-Down, Nervous, Call Stomach

Fairmont, W. Va.—"My wife became ailing from a complication of diseases; she had thin blood, was run-down, nervous and had other ills. I had to wait on her five weeks, day and night. My time lost from work and money spent cost me about sixty-five dollars. I purchased a bottle of Dr. Pierce's Golden Medical Discovery, which gave her strength and ambition; also a great number of gall stones came from her, which she did not know she had. The 'Golden Medical Discovery' is more than it is claimed to be; it is worth five cents a drop to the run-down and debilitated system."—Solomon Kiser, R. F. D. 6.

## Indigestion and Stomach

Linside, W. Va.—"I had been a sufferer from indigestion and stomach trouble for over five months, nothing I ate agreed with me and I could not sleep well at night. I used four packages of Dr. Pierce's Golden Medical Discovery and gave the greatest relief from it. I am using Dr. Pierce's Pleasant Laxative now and find them to give good action."—Mrs. Hattie Boyd, R. F. D. 47.

## BREW THIS TEA FOR BILIOUSNESS

Costs next to nothing, yet keeps bowels in fine order and ends constipation.

The head of every family that values its health should always have in the house a package of Dr. Carter's K. and B. Tea.

Then when any member of the family needs something for a sluggish liver, sick headache, or to promptly regulate the bowels, simply brew a cup and drink it just before bedtime.

It's an old remedy, is Dr. Carter's K. and B. Tea, and has been used for years by thousands of families, who get such good results from its use that they have no desire to take anything else.

Give it to the children freely—they like it and it will do them good.

S. C. Wells & Co., Le Roy, N. Y.

## HORSE OWNERS

Keep a bottle of Yager's Liniment in your stable for sprain, curb, splint, or any other ailment, or for sore shins, swellings and enlargements, and dispels pain and stiffness quickly.

## YAGER'S LINIMENT

At all dealers. Price 35 cents. The large 35 cent bottle of Yager's Liniment contains twice as much as the usual 50 cent bottle of liniment.

## Says Pile Remedy Worth \$100.00 a Box

"I have had itching piles ever since my earliest recollection. I am 63 years old and have suffered terribly. I have tried many remedies and doctors, but no cure. About 8 weeks ago I saw your ad for Peterson's Ointment. The first application stopped all itching, and in three days all soreness. I have only used one box and consider I am cured. You have my grateful, heartfelt thanks. Your ointment is worth a hundred dollars a box. Sincerely yours, A. Newth, Columbus, Ohio."

Peterson's Ointment for Piles, Eczema and old sores is only 25 cents a box at all druggists. Mail orders filled by Peterson Ointment Co., Inc., Buffalo, N. Y.

## SHILOH

30 DROPS STOPS COUGHS

## Kill Dandruff With Cuticura

All Druggists. Soap & Ointment 25c and 50c. Talcum 25c. Sample each free of "Cuticura," Dept. 4, Boston.

## IN USE FOR 35 YEARS

## BABEK

The Quick and Sure Cure for MARI, CHILLS, FEVER and LA GRIPPE. Is a Powerful Tonic and Appetizer. Will cure that tired feeling, pains in back, the head, contains no quinine, arsenic or habit-forming ingredients.

## GOLD

Make money in Nevada's newest gold fields at 20¢ per share. Request information. Cashill Lode Mining Company, Austin, Nevada.

## MILLER'S MENTHOL BOOK ON SPIRITUALISM

Vanilla Extract. Sent by mail for \$1. Miller, Mentell, 2511 Bedford Ave., Pittsburgh, Pa.

## Old Folks' Coughs

It is relieved promptly by Fiac's Stops Coughs; relieves irritation. The remedy used by more than fifty years of use is

## PISO'S