

UGH!-CALOMEL MAKES YOU SICK! CLEAN LIVER AND BOWELS MY WAY

Just Once! Try "Dodson's Liver Tone" When Bilious, Constipated, Headachy—Don't Lose a Day's Work.

Live up your sluggish liver! Feel fine and cheerful; make your work a pleasure; be vigorous and full of ambition. But take no nasty, dangerous calomel, because it makes you sick and you may lose a day's work. Calomel is mercury or quicksilver, which causes necrosis of the bones. Calomel crashes into your bile like dynamite, breaking it up. That's when you feel that awful nausea and cramping.

Listen to me! If you want to enjoy the nicest, gentlest liver and bowel cleansing you ever experienced just take a spoonful of harmless Dodson's Liver Tone. Your druggist or dealer sells you a 50 cent bottle of Dodson's Liver Tone under my personal money-back guarantee that each spoonful will clean your sluggish liver better than a dose of nasty calomel and that it won't make you sick.

Dodson's Liver Tone is real liver medicine. You'll know it next morning, because you will wake up feeling fine, your liver will be working, your headache and dizziness gone, your stomach will be sweet and your bowels regular.

Dodson's Liver Tone is entirely vegetable, therefore harmless and cannot sllavate. Give it to your children. Millions of people are using Dodson's Liver Tone instead of dangerous calomel now. Your druggist will tell you that the sale of calomel is almost stopped entirely here.—ADV.

Cherishing a Sentiment.
"Do you ever bet on a horse race?"
"No. I'm fond of horses and I don't like the ill feeling that betting on them is sure to create."

Mixing Comparisons.
"Don't you think that Jones would be a good one for our best man?"
"Oh, I know a better."

Dr. Peery's "DEAD SHOT" is an effective medicine for Worms or Tapeworm in adults or children. One dose is sufficient and no supplemental purge necessary.—ADV.

Natural Surmise.
"Dear me! What is that awful noise? Is it a new freak auto horn?"
"No, I think it is Clarise Cashley's new sport skirt."

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 name and the retail price is stamped on the bottom of all shoes at the factory. The value is guaranteed and the wear 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 product is guaranteed by more than 40 years experience in making fine shoes. The smart styles are the leaders in the Fashion Centres 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 make. 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.

Boys' Shoes Best in the World \$3.00 \$2.50 & \$2.00
W. L. Douglas Shoe Co., Brockton, Mass.

Didn't Need Much.
"Is he in every way eligible?"
"Nearly so. All he needs is a divorce from his present wife."

STOP THOSE SHARP SHOOTING PAINS
"Feminalia" is the wonder worker for all female disorders. Price \$1.00 and 50c. Adv.

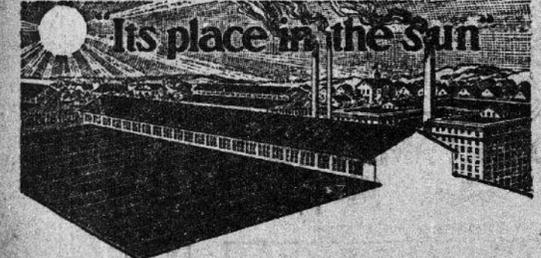
A stand to hold ice cream cones erect, made of stiff paper, is the invention of a New York man.

Two-thirds of the world's correspondence is in the English language.

Just Once.
"Van Skinn is an awful tightwad. I don't suppose he has ever been known to give a cent to charity."
"Oh, yes, he has. He gave a plugged nickel to a blind man once, but only after he had made perfectly sure that he couldn't pass it on anyone else."

Japanese are said to have invented matches that will light perfectly even when wet.

Russian is to be taught in English schools.



To hold "its place in the sun," is the avowed purpose of a great nation's conflict. To hold "its place in the sun," is the object of every business in the great fight for industrial and commercial supremacy.

To be able to hold "its place in the sun," is the supreme test of an asphalt roof. It is the sun, not rain or snow, that plays havoc with a roof. If it can resist the drying out process of the sun beating down upon it, day after day, the rain or snow will not affect it except to wash it clean and keep it sanitary.

Certain-teed Roofing

takes "its place in the sun" and holds it longer than other similar roofing, because it is made of the very best quality roofing felt, thoroughly saturated with the correct blend of soft asphalt, and coated with a blend of harder asphalt. This outer coating keeps the inner saturation soft, and prevents the drying out process so destructive to the ordinary roof.

The blend of asphalt used by "The General" is the result of long experience. It produces a roofing more pliable than those which have less saturation, and which are, therefore, harder and drier.

At each of the General's big mills, expert chemists are constantly employed to refine, test and blend the asphalt used; also to experiment for possible improvements. Their constant endeavor is to make the best roofing still better.

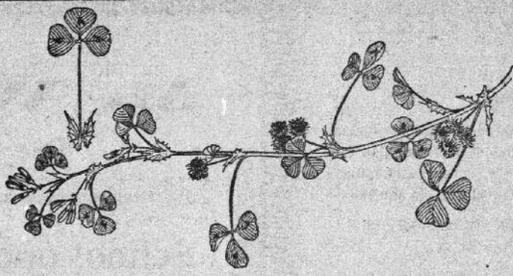
The quality of CERTAIN-TEED is such that it is guaranteed for 5, 10 or 15 years, according to thickness (1, 2 or 3 ply). Experience proves that it lasts longer. Behind this guarantee is the responsibility of the world's largest manufacturer of roofings and building papers.

General Roofing Manufacturing Company
World's Largest Manufacturer of Roofings and Building Papers

New York City Chicago Philadelphia St. Louis Boston Cleveland
Pittsburgh Detroit San Francisco Los Angeles Milwaukee Cincinnati
New Orleans Minneapolis Seattle Kansas City Indianapolis
Athens Richmond Des Moines Houston Duluth London Sydney

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SPOTTED BUR CLOVER VALUABLE CROP



SPOTTED BUR CLOVER PLANT.

(Prepared by the United States Department of Agriculture.)
That southern farmers grow bur clover, especially the southern or spotted variety, as cover, pasture and green manure crops is the advice of specialists of the United States department of agriculture in Farmers' Bulletin No. 693, recently issued. This has been found to be the cheapest legume for use in the South which will prevent the washing of the soil.

One of the advantages of bur clover is the facility with which it reseeds itself. Once established on pasture lands, it will maintain itself indefinitely if the plants are permitted to mature some seed, at least every other year. This elimination of the necessity for additional seeding from year to year reduces both the cost and trouble to farmers in maintaining cover crops. In addition to its value as a cover and forage crop, the use of bur clover has, in many instances, resulted in material increases in cotton yield. Directions for inoculating the soil and seeding, and suggestions for rotations including bur clover are contained in the bulletin already mentioned.

Sowing the Seed.
Bur clover should always be sown in late summer or fall. In the cotton states the best time for seeding is the month of September, but it may be seeded in August, and seedlings as late as October often give favorable results, even as far north as South Carolina. Seedlings later than October, however, are to be avoided whenever possible, as but little fall and winter growth is usually secured from such plantings.

When the seed is sown in the bur, broadcasting is the only practicable method. To obtain a full stand by this method, from three to six bushels of seed per acre are necessary. After sowing, a light harrowing should be given. In the regions, however, which are well adapted to bur clover, it is much more economical as a rule to begin with a light seeding and to depend in subsequent years on the volunteer crop when this is practicable. In the cotton states lack of inoculation

may be guided by attaching a plow line or wires to the spreader where the trace chains are attached. These should run back to a short stick which gives a firm and easy hand hold. One end of the rope or wire may then be carried down to each chain so that they may be lifted independently or the entire machine lifted from the ground to jump or dodge trumps and to guide the machine so that it may be used close to the plants.

In dry weather, weevil-infested fields should be gone over twice a week with this device. A man and mule can go over seven or eight acres per day. This is as large an area per mule as should be in cotton in heavily infested territory.

CONTROL BOLL WEEVIL

Simplest Type of Mechanical Device Known as Chain Drag.

Combines in One Process Cultivation of Crop and Drawing of Fallen, Infested Squares to Middles—Sun Kills Pests.

(By W. E. HINDS, Alabama Experiment Station.)

By far the simplest type of mechanical device for weevil control and one that has been tested quite extensively in Texas with beneficial results, is known as the chain drag or cultivator. A full description of such is found in Farmers' Bulletin No. 244 of the United States department of agriculture.

This device is not expected to catch weevils or to collect squares, but to combine in one process the cultivation of the crop and the drawing of fallen, infested squares to the middles by the use of heavy chains arranged so that they will converge to the rear from the outer ends of a spreader. Thus the infested squares are exposed to the heat of the sun and the weevil stages are killed. The device is of special value during periods of hot, dry weather and on soils that are not baked.

This device is an extreme simplification of the chain cultivator idea and may be easily made. It consists essentially of four parts. First, a spreader, which may be a piece of heavy joist or even a green branch of a tree. The length should be six or eight inches shorter than the distance between the rows. It should be two or three inches in diameter and fairly heavy. The chain may be fastened to the ends by heavy staples or by wiring. It is better to have one side of a link held in a notch sawed in the end of the spreader. The second part is the chain which should be of a type commonly used in logging operations and should have about seven or eight links per foot and these made of about one-half-inch iron. From 12 to 15 feet of chain is needed to give two loops with a spreader of three to four feet in length.

The chain is fastened so that one loop is shorter than the other, thus bringing the loops about ten inches apart. The third part is a trace chain for connecting the drag with the single tree. This may be fastened six or eight inches from the ends of the spreader and should run forward far enough so that the spreader will not be lifted from the ground as it is drawn forward. Fourth, the machine

Oil Is Cheap.

Oil and greases are both cheap, and get proper lubrication is often overlooked. It has more to do with the life of an engine than any other one thing.

Ground Charcoal for Chickens.

Finely ground charcoal given either in the mash or separately will do the chicks good.

Cheaper?

Spray material is cheaper than fruit.

tion apparently has often been the cause of failure in establishing bur clover crops, especially when hulled seed was sown. Usually when seed is sown in the bur there are enough bacteria in the dust on the bur to insure inoculation. It is desirable, however, in planting bur clover for the first time, that farmers do not go to the expense of purchasing a large quantity of seed, but that they plant a comparatively small area, inoculating the soil either by the soil-transfer method or, in the absence of inoculated soil, by the use of pure cultures. When once a patch of bur clover has been grown successfully on a farm the whole farm can easily be inoculated by scattering soil from the patch where the bur clover grew successfully.

Rotating Bur Clover.

Bur clover may be used as a winter crop in rotation with any cultivated summer crop. Among rotations that have been suggested the following seem desirable:

First year—Cotton, bur clover sown between the rows September 1.

Second year—Corn or soy beans, followed by bur clover.

Third year—Cotton.

A less simple rotation is the following:

First year—Cotton, bur clover sown between the rows September 1.

Second year—Corn, followed by winter oats.

Third year—Oats, followed by soy beans or cowpeas, preferably in rows. Bur clover sown in the rows September 1. If the soy beans or cowpeas are broadcasted, the bur clover should not be sown before the crop is harvested.

Fourth year—Cotton.

After bur clover has been once successfully grown stands can usually be secured in such intertilled summer crops as cotton, corn, soy beans, or sorghums. In broadcasted crops, however, such as soy beans, millet, and cowpeas, the shade is so dense that the young bur-clover plants for the most part perish.

Farm Lands Increase in Value.

The value of farm lands of the United States is estimated at \$45.55 per acre, as compared with \$40.55 a year ago, 40.31 two years ago, \$38.10 three years ago and \$36.23 four years ago. The census reported the value of farm lands in 1910 as \$32.40, and in 1900 as \$15.57 per acre.

In recent years the value of farm lands has been increasing at the rate of about 5 per cent a year, or approximately \$2 per acre per year. The exceptional increase of the past year may be explained partly by the reaction in the southern cotton states following a temporary depression last year, and partly by the stimulus given by the war to prices, particularly of grain.

EXCESSIVE HEAT HURTS HOGS

More Easily Thrown Off Feed Than Any Other Animal—Constipation One of Effects.

One of the effects of hot weather is to cause constipation in hogs. The excessive heat seems to throw the hog off feed more easily than it does other animals. A laxative feed is the natural preventive, but the whole environment must be right to protect hogs from this. A change of feed, particularly a change from a light to a heavier and drier feed, is most likely to cause constipation. Pregnant sows are troubled more from it than are other classes of hogs. The practice of confining them before farrowing time has much to do with it and may result in serious loss as they have trouble in farrowing when constipated. Two to four ounces of raw linseed oil fed daily with the feed is an effective treatment after the trouble sets in. Lots of exercise on a field covered with juicy grass is an effective method of keeping the trouble away.

IODINE CURE FOR RINGWORM

Contagious Disease Caused by Growth of Fungus in Skin—Ailment Will Spread Rapidly.

(By DR. R. R. DYKSTRA, Kansas State Agricultural College.)

Ringworm is a contagious skin disease caused by the growth of a fungus in the skin and hair. The disease spreads rapidly from animal to animal and from animal to man. Care should be exercised in handling animals affected with this condition.

It may be treated successfully by scrubbing the parts thoroughly with soap and water and a stiff bristled brush so as to remove all the scabs. The area then is to be painted daily for about a week with pure tincture of iodine.

Good Care for Cows.

The cow is a machine for the production of milk, but, like other machines, to be efficient she must have good care.

Healthy Sheep.

The best signs of health in a sheep are a bright eye, a clean dry nose and a good appetite.

If your chicks are not doing well

something is wrong. Look out for lice and for worms in the intestines.

GOOD MARKSMANSHIP WINS BATTLES

Dope Drinkers Cannot Shoot

A United States Army Officer recently made a test in marksmanship of the men of his regiment, and the test proved that the lowest scores were made by men who were addicted to dope-drinking. The same officer cut out cocaine and caffeine beverages and placed his men on DR. PEPPER.

Drink Dr. Pepper

The Marksman's Drink—Invigorating—Cooling—Made from pure fruit juices.

Manufactured by the DR. PEPPER COMPANY, WACO, TEXAS

Plaint of an Artist.

"How was the big political meeting?"
"It should have been better," replied the leader of the band. "If the speakers hadn't kept getting up and interrupting the music, it would have been a fine concert."

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Chas. H. Fletcher* in Use for Over 30 Years. Children Cry for Fletcher's Castoria

His Regiment.

"Regiments! Regiments!" said Prof. Hilary McMasters before the Harvard Medical school.

"There are too many nonsensical regiments, young gentlemen. I prefer the regimen of Mark Twain to all such rubbish."

"Mark had a very strict regimen, you know. He never smoked but one cigar at a time, and never smoked while sleeping."

"He never ate meat except with his meals, and he never drank except at meals and between meals."

"His father took a drug store for a bad debt in Mark's boyhood, and among the stores were nine barrels of cod liver oil. These lasted Mark seven years. The rest of the family had to get along with the lye and nux vomica, Mark being the pet. He was, in fact, the first oil trust. He got it all."

Like a Man.

Two bankers were talking about a financier who had failed.
"And did poor Joe accept his failure like a man?" asked the first.
"Exactly like a man," the second answered. "He blamed it on his extravagant wife."

A Cautious Girl.

"There's a mouse in this corner."
"Poke him out, Vanessa. Here's a foot rule."
"Not for me. I want a yardstick when I poke at a mouse."

When a widow takes a second husband

for better or worse she always knows that he will be worse.

Inconsistent.

"Why are you so sore at Doctor Jones?"
"The old hypocrite charged me ten dollars for advising me to confine myself to a diet of crackers and milk, and the very next evening I saw him in a restaurant blowing in my ten on lobsters and champagne."

WOMAN'S CROWNING GLORY

is her hair. If yours is streaked with ugly, grizzly, gray hairs, use "La Creole" Hair Dressing and change it in the natural way. Price \$1.00.—Adv.

WHEN FOES MEET IN AIR

German Lieutenant Tells of Engagement in Which French Aviators Lost Their Lives.

"One afternoon a French flyer appeared," says a German lieutenant. "It circled over Douaumont and then rose high above the clouds. For a long time it seemed to be just hanging in the air. And then—from our side there arose a buzzing, a fierce sharp buzzing and it made straight like a bee line for the little French flyer. It went through the clouds and disappeared. Nothing could be seen. The clouds covered all. Five minutes of suspense passed, and then a shot, and after that a roaring. We waited breathlessly, and then two little black spots were seen breaking through the clouds. Tiny little spots, and those spots were the two French aviators. They grew bigger as they fell. A moment after the men came the flaming machine. It came down roaring and crashing. Its wings were yet on fire, and the red, white and blue of the tri-color looked like a revolving American barber pole. Everything crashed to the earth, a hopeless tangled mass. Again a spot broke through the clouds. It came swift and straight, without any spectacular showing. It was Boelke returning home."

He Got It.

"Please, mother, can I have a piece of cake?"
"No, Freddie."
"Just a teeny little piece?"
"No, Freddie. You cannot have any cake at all."
"Can I have a cookie then?"
"No."
"Aw, please. Just one little cookie."
"No, Freddie. You have just had your luncheon, and you can't possibly be hungry so soon. Run away and play, and don't bother me any more."
"Don't you like to have people appreciate your cooking, mother?"

Nature's Bounty —and More

The delicate, native sweetness of finest northern wheat—
The mellow, flavory zest of malted barley—
The combined, full nutriment and flavor of both grains, including their energy and mineral values—
That's

Grape-Nuts

—a food for brain and brawn.
Ready to eat, easy to digest, concentrated, delicious—every table should have its daily ration of Grape-Nuts.

"There's a Reason"