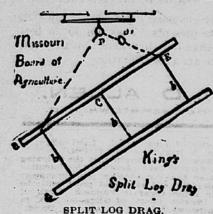


HOME-MADE ROAD SCRAPER

Constructed of Split Log-Will Be Serviceable in Improving the Boad.

A, a, two haives of a split log nine teet long, 10 to 12 inches thick, set on edge, 30 inches apart, both flat sides to the front b, b, strong oak or hedge bars, the ends of which are wedged in twoinch augur holes bored through the slabs. Dotted line, chains or strong wire. D D1, rings to connect double-tree clevis. Hitch at D and stand at C, on a plank laid on the cross-bars, for ordinary work; or hitch at D1 and stand at



E for ditch cleaning or to make the drag throw more dirt to the left. To move dirt to the right reverse position of driver and hitch. If working a clay or gumbo road, put iron, old wagon tire, or something of the sort, on lower edge of drag at the end of six months; for softer soil at the end of 12 months.

The Western Fruit Grower has an interesting article on the use of the "split log" for dragging purposes in improving roadways. The writer advances the following timely suggestions:

Don't drive too fast.

Don't walk; get on the drag and ride. Don't wait for your neighbors to take hold; they may be waiting for you.

bold; they may be waiting for you.

Don't bother about a tongue; it is much trouble and expense and is of little benefit.

Don't wait for the big grader to come and shape up your road. All you can do first will help to make the work of

the grader permanent. Don't be particular about material. With an ax and a two-inch auger almost any kind of a log can be made into a drag. The one I used for several years

is a box elder. Don't try to drag with one piece; use two. One will scoop out the hollows in the road and deepen them. When two are used the one keeps the other up; and in a month or so the hollows will have filled and become level and hard like the balance of the road.

FIELD MICE PEST.

How They May Be Destroyed and Thus Rid Farm of Serious Problem.

A serious problem on many farms is Farmer. created by the presence of destructive mice, and a new method devised by a sliding boards in front, same as in any Parisian scientist for their destruction may serve us as well as it appears to be doing those who manage the farms of France.

The mice had become a source of great loss in certain districts over there. As we well know the powers of destruction of these diminutive creatures have been found to be enormous. They not only ruin immense quantines of living vegetables in seeking food, but lay away ample stocks for winter provender. Scientists have calculated that each mouse destroys from 24 to 36 pounds of plants every year: and one unhappy farmer reported that there were over 500 mice per acre on his land. To free themselves of this plague, the people resorted to asphyxiation, by filling the burrows with smoke, or to drowning by pouring water into them, or to sprinkling polson about the fields-the latter method, however, proving most dangerous to domesticated animals. Finally, the French parliament, moved by the appeals of the sufferers from the Gargantuan appetites of these tiny pests, appropriated \$50,000 to aid them, and the latest pet of science—the microbe -was resorted to. Dr. Danysz, of the Pasteur institute, had observed that large numbers of mice died from a certain disease. He collected virus from sick animals, made cultures, and found that these cultures, when obsorbed with the nourishment, produced the disease in healthy rats and mice. This method c destruction has recently been carried out on an area of 2,800 acres, and has proved most effective. One great advantage is that the chickens and other animals of the farm appear to be immune to the disease, having been in no instance affected during the experiments. The government appropriation has been devoted to the purchase of the virus, which is sent free of charge to all regions affected. The virus is mixed with salted water and crushed oats are soaked in the liquid. The oats are then scattered near the burrows. Ten days afterwards, what is estimated as 95 per cent. of the mice have been found dead in the fields.

8

Feeding of Steers.

The most money may be made in feeding steers by observing two or three rules: Decreasing the amount of grain in winter and substituing clover hay and winters until they are ready for mar- chase price and selling price is desir-ket.

HAULING OF MANURE

iome Suggestions for the Doing of This Work in the Winter Time.

During the winter every progressive farmer should be planning and getting things together to make work as easy as possible when spring's work begins, says George C. Reynolds, in the Epitomist. The farmer who makes it a business to haul his barnyard manure out on the land while covered with snow is taking one long step towards putting in a profitable winter's work. This not only makes the work easier, but on the other hand, gets the manure where it will do the most possible good as a fertilizer. Some farmers are averse to hauling manure and spreading on snow, because they think when the spring break up comes the non-porous condition of the soil permits the washing away of a large percentage of the fertilizer value of manure. There is no question but what a percentage of throat the manure value is lost through washing at this time of the year, but experiments go to show that a much larger percentage is lost before it ever reaches the field than after it is spread upon the land. Last winter, feeling that there was some reason to believe there might be more loss caused by washing than one might suppose, I determined to settle the matter for myself by trying a little experiment. There is no reason why any farmer need trust to what others say regarding the matter, when on his own farm at no expense, experiments can be conducted that will settle the matter for always. When the snow is a foot or deeper haul out five or ten loads on land that is to be plowed the coming spring and give the matter a careful test. After the snow has gone down to about five inches on the level, haul out a like number of loads and spread as near as possible to the manure previously hauled out. Then again after the snow has all gone, and the ground settles in the spring, repeat the same number of loads near that which was spread on the snow. Stake off the strips so that there will protruding fangs. be no mistakes made, and note carefully the growth, color and general development of the crop. If it is possible to have the crop of corn it will be much easier to distinguish the difference if there should be any. The experiment his purpose of resenting the intrusion I conducted on my own farm proved upon the sacredness of his woolng. very favorable to hauling manure and spreading on snow, but as all experiments do not result the same under varying conditions I advise every farmer to give the matter a thorough trial on his own land.

GRANARY AND WAGON SHED

Structure Which Serves a Variety of Purposes and Is Rat and Mouse-Proof.

The plan of a combined corn-crib, granary and wagon-shed, illustrated here, is 32x20 and ten feet high to eaves. It has a tight floor, which is reached by means of a movable platform, D. The building is set on short wooden posts, B, standing on a flat stone, C, and a galvanized iron pan inverted over the top, This makes it rat and mouse-proof, A. This makes it rat and mouse-proof, if the platform D is pulled away from the building when not in use, says Ohio intruder's pleasure.

The grain bins are arranged with



WAGON SHED, GRANARY AND CORN

granary. The attic can be used for storing tools or anything else desired. In that case there should be a window in each gable end. The center or driving floor makes a good wagon and buggy shed. The platform D can be made stationary by covering the lower part of the door, and the door sill, with sheet fron and extending the sheet fron strip out towards corner of building a foot or so on each side. Such an approach can be provided at each end, so that the team can be driven through the building. Instead of posts and inverted pans, it is cheaper to set the building on eight-inch sewer pipe two feet long. Rats and mice can't climb the glazed

CHEAP WOOD SLED.

How One Farmer Made a Services ble Affair Out of Two-Insh Plank.

My wood sled gave out early in the winter and I made a good substitute of some two-inch plank, says L. A. plank, says L. A.
Fisk, in Farm
and Home. The

runners are eight feet long and 2x6 inches square. They are held with four braces of the same material, four feet long, and fastened with spikes and bolts. Stakes are set in the front and rear cross piece. The runners go flat side down and the ends are rounded to prevent catching on the ice. The sled can be used with the body or box of a wagon. It'is a good sled for heavy work and short hauls. For long hauls, the runners should be shod.

Where the Profit Lies.

The profit in feeding beef cattle is not made by producing a new growth winter pasture. Using cheap grain food, at less cost per pound than it sells for, such as cotton seed, if available. By but in the increased value of the origcausing the calves to be dropped before inal weight due to fattening. A mar-Christmas, and keeping them only two | gin cf one cent per pound between pur-

es bay deb and adde to

BATTLES BETWEEN SNAKES NOT SUCH A FUNNY TRICK.

When Angry Reptiles Come Together.

Snakes are comparatively rare in this country, and, as a rule, harmless. It is true that there was chronicled not long ago the appearance of a flerce monster in North Wales, "with a head as large as a man's hand." But that was an

exception, says a London paper. Much discussion took place recently as to whether snakes were given to swallowing their kind. When one of them is hard pressed by its enemies, and there are young ones playing about, the latter promptly crawl down their mother's throat out of harm's way.

It is painful to witness the agony of a mother snake sometimes when, in the flurry and excitement following the appearance of a man amongst a group of the reptiles, the offspring of some other snake accidentally take refuge down her

She has not the capacity to hold her neighbor's young and her own, of course, and when she has been filled up with strangers, and a couple of stray ones of her own appear on the scene and clamor for admission, her position indeed becomes a trying one.

Her own offspring is, in fact, often left. to perish, while she reluctantly saves the lives of others which do not belong to her. The maternal affections of snakes, whatever may be said of their poisonous qualifications and biting propensities, certainly entitle them to some consideration.

The graceful way in which a couple of youthful snakes will gambol together on the grass, twisting around each other and hissing playfully and affectionately in each other's face, is a sight, once seen, to be long remembered.

The sight is, of course, a somewhat rare one, for as soon as the intruder is observed the buck snake immediately abandons his love-making, and makes in the direction of the stranger with all the savagery of his nature displayed in his flashing little eyes and his fiercely

The traveler requires a good nerve and a long stick when he is attacked in this way. The reptile is desperately in earnest, and no thought of injury to his body, or even death, will deter him from

If the male snake should happen to be killed in the encounter, as is very often the case, the female will approach the dead body of her mate quite regardless of the presence of his destroyer, and proceed to fawn upon the remains, and in a general way ostentatiously bemoan the fate of her comrade. All of which goes to prove that the snake is not such a bad creature as she is painted.

There seem to be various developments of the bump of combativeness among the Australian snakes Some are

Sometimes the two belligerents will tain the grip with all the tenseity of a buildog hanging on to another's hind less.

Less.

I have often caught them locked together in this fashion, and have known them to remain in that position for several days at a time. When they show any sign of relaxing, all that you have to do is to give one of them a smart

He immediately blames it upon his enemy, and redoubles his grip upon the tail.

The other, feeling the extra pressure suddenly put upon his tail, retaliates promptly in a similar manner, and thus the silent and deadly battle goes on.

Reading as a Medicine.

The word "disease" signifies the ab-

sence of ease, and that want of ease is generally caused by thinking too much of one's self or one's own concerns. Nervousness is generally at the bottom of it. Now, if the doctors, when they find their patients all eaten up with too much thinking of themselves or their business, were to prescribe a course of Cervantes, or Moliere, or Balzac, or Sterne, or Dickens, or Shakespeare, and as strictly enjoin thoroughness in this course as they would if the treatment were a matter of diet or medicine, many of them would begin to mend from the first moment that these magicians had given them for a forgetfulness of self. Half of the sickness in this world is but a form of egotism-the too per-

Eucalyptus Trees for Swamps.

sistent brooding over one's own trou-

bues. A dose of reading will often

prove the best remedy.-Boston Globe.

The Australian eucalyptus tree is being grown on a large scale in southern Europe and northern Africa because of its tendency to drain swamps. This was formerly supposed to be due to abundant exhalation of watery vapor from its leaves, but it has been shown that actually the transpiration of the eucalyptus is only one-half or one-third that of willows, birches and other trees, and it is therefore assumed that the phenomenon in question is due simply to the raid growth of the eucalyptus.

Bad Form, at Least. War Correspondent (of the Moscow Morning Yellowvitch)-Are the pagar pigs living up to their reputation, gen-

eral?
Gen. Panaik—Beyond it! Why only yesterday they forced us to execute a flank movement in the midst of our morning prayers for victory.-Brooklyn Life, a dish a Bash aw

Fights Sometimes Waged for Hours Drummer's Joke on Waiter Turned Out a Costly One On Himself.

"I suppose there comes to every man a desire to do something smart on an occasion," said the drummer, as a sigh took the place of his smile, according to the New York Times.

"Well, such a desire came to me as I was leaving a certain southern city after

"Well, such a desire came to me as I was leaving a certain southern city after a week's stay. The waiter at my table had called me 'Gineral' and been at great pams to care for me and I made up my mind to reward him with a \$5 bill. It was a counterfeit with which I had been stuck, but I thought it would be the biggest kind of a joke to work off on Bob.

"I had got a hundred miles away when I was arrested on a telegram for passing counterfeit money, and when taken back I was arraigned in a United States court and had to give bail and appear on three different occasions. I had a lawyer and other expenses, lost a good three weeks altogether and just escaped prison by the skin of my teeth. In addition to this I had to make good to the waiter, who sorrowfully shook his head when he received the money and said:

"I'ze sorry for you, Gineral, but dis may be de means of savin' your contemptible soul from the gallus!"

About His Raisin'. "Who's that ekeetin' along in that big

"Who's that skeetin' along in that big automobile?"
"That's Jones—the successful author."
"Why—he used to ride in an ox-cart!"
"Hush!—he wouldn't be seen in one
now. He only makes his money by writin' about ox-carts, an' the poor folks that
ride in 'em!"—Atlanta Constitution.

Too Much to Expect "See here, landlord, must I sit here for ever before I get the half chicken that I have ordered?"

"Oh, no, sir! I'm only waiting till somebody comes and orders the other half. Of course, I can't kill a half a chicken!"— Fliegende Blaetter.

Found at Last

Hensley, Ark., Dec. 28th.—(Special)—
That a sure cure for Backache would be a
priceless boon to the people, and especially
the women of America, is admitted by all
interested in medical matters, and Mrs. Sue
Williams of this place is certain she has
found in Dodd's Kidney Pills the longleaked for cure

found in Dodd's Kidney Pills the long-looked-for ours.

"I am 38 years old," Mrs. Williams says,
"and have suffered with the Backache very much for three or four years. I have been treated by good physicians and got no relief, but thanks to God, I have found a cure at last and it is Dodd's Kidney Pills. I have taken only one box and it has done me more good than all the doctors in three or four years. I want all sufferers from Backache to know that they can get Dodd's Kidney Pills and get well."

Backache is one of the first symptoms of Kidney Disease. Guard against Bright's Disease or Rheumatism by suring it with Dodd's Kidney Pills.

The hen patiently "sets" only through the overpowering pressure of a mysterious creative impulse that masters her restless impulses to be outside scratching and cackling instead of working for posterity.—Boston Herald.

BEAUTIFUL SKIN,

Soft White Hands and Luxuriant Hair Produced by Cuticura Soap.

among the Australian snakes. Some are arrant cowards; others assume a bellicose attitude upon any and every occasion. The "tiger" species is most given to fighting.

The traveler in the bush often comes across two "tigers" pegging away at each other for dear life.

They are invariably so taken up with the quarrel that they may be openly approached and captured or killed at the intruder's pleasure.

Millions of Women Use Cuticura Soap, assisted by Cuticura Ointment, the great skine cure, for preserving, purifying and brautifying the skin, for cleansing the scalp of crusts, scales and dandruff, and the stopping of falling hair, for softening, whitening and soothing red, rough and sore hands, for baby rashes, itchings and creative weaknesses, and many antiseptic purposes which readily suggest themselves, as well as for all the purposes of the toilet, bath and nursery.

It is a Parisian doctor who insists that

Are You Going to Florida or New Orleans?

Tickets on sale via Queen & Crescent Route and Southern Railway to Fiorida, New Orleans and other points south at greatly reduced rates, good returning May 31st, 1905.

Also variable route tickets good going to points in Florida and Cuba via Atlanta, and returning via Asheville. For rates and other information address:

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D. P. Brown. N. E. P. A., 11 Fort Street, W., Detroit, Mich.
W. W. Dunnavant. T. P. A., Warren, Ohio. W. C. Rinearson, G. P. A., Cincinnati, Ohio.

three-year-old boy of Machias, Me., walked eight miles over rough country roads the other day. That boy will grow up to be a great actor.—Ohio State Jour-nal.

New York & Philadelphia.

cannot be more pleasantly or conveniently reached than by the Grand Trunk-Lehigh Valley Route. Solid tarough trains, magnificent scenery, all trains run via Niagara Falls. Descriptive literature sent free on application to Advertising Department, Grand Trunk Railway System, 135 Adams St., Chicago, Ill., Geo. W. Vaux, A. G. P. & T. A.

"Chat on the Cars of Children," formerly a feature of the woman's page, has given way to "Timely Tips on the Treatment of Toy Dogs."—N. Y. Herald.

To Cure a Gold in One Day Take Lexative Brome Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

A mother could tell her daughter lots about helping out her lover if she dared to give herself away to her.—N. Y. Press:

Do not believe Piso's Cure for Consumption has an equal for coughs and colds.—J. F. Boyer, Trinity Springs, Ind., Feb. 15, 1900. You need not be a shadow because you are not a sun.—Chicago Tribune.

A Guaranteed Cure for Piles.

Itching, Blind, Bleeding or Protruding Piles. Your druggist will refund money if Pazo ODFFMENT fails to cure in 6 to 14 days. 50c.

Even hope has been known to die of old age.-N. Y. Times.



dale, N. Y., Grand Worthy Wise Templar, and Member of W. C. T. U., tells how she recovered from a serious illness by the use of Lydia E. Pinkham's Vegetable Compound.

"Draw Mas. Pinkeran:—I am one of the many of your grateful friends who have been cured through the use of Lydia E. Pinkham's Vegetable Compound, and who can to-day thank you for the fine health I enjoy. When I was thirty-five years old, I suffered severe backache and frequent bearing-down pains; in fact, I had womb trouble. I was very anxious to get well, and reading of the cures your Compound had made, I decided to try it. I took only six bottles, but it built me up and cured me entirely of all my troubles.

"My family and relatives were naturally as gratified as I was. My niece had heart trouble and nervous prostration, and was considered incurable. She took your Vegetable Compound and it cured her in a short time, and she became well and strong, and her home to her great joy and her husband's delight was blessed with a baby. I know of a number of others who have been cured of different kinds of female trouble, and am satisfied that your Compound is the best medicine for sick women."—Mrs. ELIZABETH H. THOMPSOM, BOX:105, Lillydale, N. Y. Box 105, Lillydale, N. Y.

Thousands upon thousands of women throughout this country are not only expressing such sentiments as the above to their friends, but are continually writing letters of gratitude to Mrs. Pinkham, until she has hundreds of thousands of letters from women in all classes of society who have been restored to health by her advice and medicine after all other means had failed.

Here is another letter which proves conclusively that there is no other medicine to equal Lydia E. Pinkham's Vegetable Compound.

"DEAR MRS. PINEHAM: - I suffered with "DEAR MRS. PINKHAM: — I suffered with poor health for over seven years, not sick enough to stay in bed, and not well enough to enjoy life and attend to my daily duties properly. I was growing thin, my complexion was sallow, and I was easily upset and irritable. "One of my neighbors advised me to try Lydis E. Pinkham's Vegetable Compound, and I procured a bottle. A great change for the better took place within a week, and I decided to keep up the treatment. "Within two months I was like a changed woman; my health good, my step light, my

woman; my health good, my step light, my eyes bright, my complexion vastly improved, and I felt once more like a young girl. I wonder now how I ever endured the misery. I would not spend another year like it for a fortune

"I appreciate my good health, and give ydia E. Pinkham's Vegetable Compound." — Mas. M. Tilla. 407 Habersteen St., Savannah, Ga.

Mrs. Pinkham has on file thousands of such letters.

FORFEIT if we cannot forthwith produce the original letters and signatures of above testimonials, which will prove their absolute genuineness.

Lydia E. Pinkham Med. Co., Lynn, Mass.



LEADER" AND "REPEATER" SHOTGUN SHELLS

The proof of the shell is its shooting. Because they shoot so well, Winchester Factory Loaded "Leader" and "Repeater" Smokeless Powder Shotgun Shells have won almost every important prize shot for in years. Good shots shoot them because they give better results, shoot stronger and more uniformly and are more reliable than any other make ALWAYS SPECIFY WINCHESTER MAKE OF SHELLS

MISTAKES TO AVOID.

Judging the wealth of a woman by her apparel Thinking that people are always cov

ertly criticising your actions. Thinking that a man does not notice the details of the toilet of a woman in whom he is interested.

Oriticising an absent person without being sure that your listeners do not know the person to whom you allude.

Imagining that passers-by are sufficiently interested in your appearance to notice that your hat or coat is out of date.

Then They Both Smiled. "Gracious, my dear!" said the first so-ciety belle, spitefully, "I trust you're not ill. You look so much older to-

"Do I, dear." the other replied, sweet-"I feel quite well. And you-how wonderfully improved you are! You look positively young!"-Tit-Bits.

The Poem Reversed. Friend-I hear you're no longer living with your son-in-law.

Genial Mother-in-Law—No. I discov ered that age and crabbed youth cannot dwell together.-Chicago Journal.

Mixed Farming, Wheat Raising, Ranching.

Three great pursuits have again shown wonderful so with on the FREE Homestead Lands of Western Canada this year. Magnificent climate—farmers plowing in their shirt sleeves in the middle of November.

"All are bound to be more then pleased with the final results of the past season's harvests."—

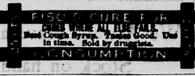
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Coal, wood, water, hay in abundance—schools, churches, markets convenient.

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