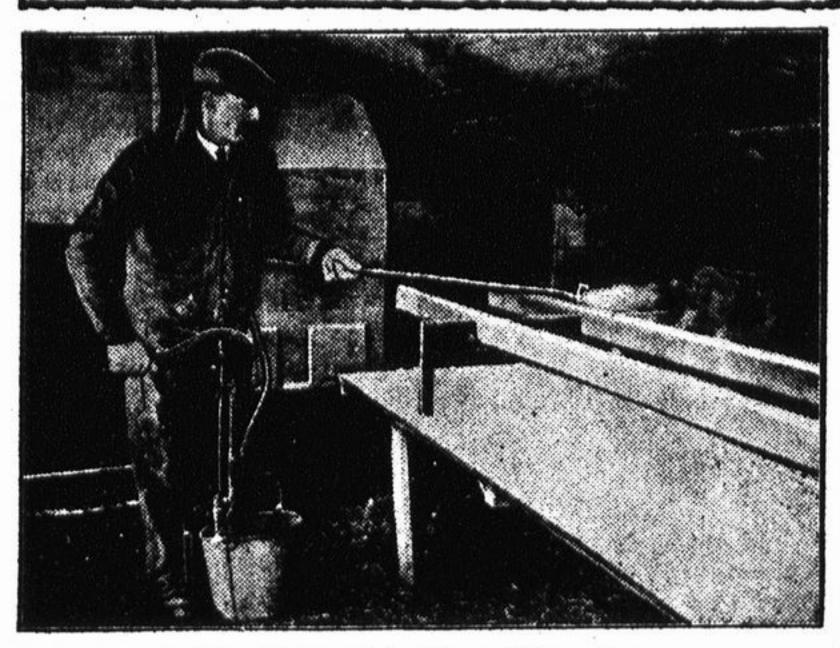
WHITEWASH IS ESSENTIAL WITH POULTRY



Applying Whitewash by Means of Spray Pump.

of poultry success and chicken profits. Whitewash brightens up the henhouse, and lets the light into all of the dark corners. And light is deadly to most parasites.

light rays, fresh whitewash is in it- spraying potatoes. Use as fine a spray self a strong insecticide. It makes as possible, and use force enough to life so intolerable to the lice and mites that they are compelled to leave and take up their quarters in some darker and more favored abode.

To make a good whitewash, add away from it, one-half bushel of salt in hot water to one-half bushel of unslaked lime, also in hot water. Mix the two thoroughly and add three pounds of rice, boiled to a paste. Add also one-half pound of Spanish whiting and one pound of from now on. An ounce of prevendissolved glue. If it is desired to increase the disinfecting power of the cially when it is a high-priced cure.

· Whitewash is one of the essentials | mixture, add a quart of carbolic acid. Mix the mass well with five gallons of water and let stand for five days before using.

The best way to apply the whitewash is by means of a spray pump, Not only does it let in the deadly such as is used in orchards and in penetrate all cracks and corners. Apply enough each time to soak into the wood well, and apply often enough to keep the pests continually on the move

> Whitewash is cheap. It can be easily made and still more easily applied. And it does the parasites up in business. Whitewash your henhouse today and keep it whitewashed tion is worth a pound of cure espe-

For Satisfactory Results One Must All Varieties Are Good Sitters and Feed Wheat, Corn and Oats-Vegetables Help Out.

Grain is high in price for those who keep poultry and have to buy their feed. It is causing some small breeders some concern and the question is already being asked, "How can I economize in the grain I feed to the hens?"

It is not possible to economize much on grain to be fed to poultry if you expect satisfactory results. The staples are corn, wheat and oats, meat food, green food, grit, charcoal and oyster shells. These may be varied and helped out by green-cured clover and alfalfa to be fed after steaming, various vegetables to be fed raw, and other vegetables to be fed cooked and mashed and mixed with ground grains, like potatoes, turnips, etc., says a writer in an exchange. These vegetables can often be purchased very cheaply from the growers after they have sorted out the marketable part. Cheap grains, the duties of incubation. like shriveled grain or sweepings, are generally more expensive in proportion to the nutriment contained than

first-class grain. Our advice is, continue to feed good grain, if eggs are expected, and economize in the way it is fed. By this we mean, do not give the birds more than they will clean up. Many breeders feed in a deep litter, and we advocate this practice, but there must not be three or four inches of grain and dirt under the litter as we have seen in some poultry houses,

CARING FOR EGGS PROPERLY

Ample Number of Nests With Good Supply of Nesting Material Should Be Aim of Poultryman.

Poultry keepers may easily reduce goslings to pass in and out freely. the number of dirty or soiled eggs and losses that result. First, an ample gained sufficient strength for longer number of nests is, of course, neces- explorations, the mother may be given sary, but an ample number means no her liberty, when she will lead her more than, and probably not as much | flock all over the pastures, and may be as, are usually directed by poultry trusted to care for them unassisted by writers. Laying houses are, as a rule, her owner. provided with enough nests, but where floor litter.

quantity, or the eggs are often broken | ready for market, by dropping upon the floor of the nest. In houses where the dropping boards animal and vegetable food predominatare above the nests, and the custom is | ing, with a small proportion of grainto sand the boards, small stones often food during the middle of the day. drop into the nest and breakage rethem. The condition of nests should ing and night. be noticed daily, and the nesting material replenished when necessary.

An ample and clean litter on the birds. floor is also very essential when an A-1 clean product is sought. Particularly is this true when the hens are allowed outdoors during wet weather. The litter acts as a foot mat for the hens on their way to the nests.

Best Exercise for Hens. Exercise is a fine thing for laying hens but it is hard on egg production when it is taken in the snow. It's much better to let the layers work a little in scratching among some litter for their feed or jumping for a peck at a vegetable hung just above their heads in the hen house.

Provide Plenty of Water. The poultry must have plenty of water. A thirsty hen will lay no eggs, and chicks deprived of water will get sick.

PRACTICE ECONOMY IN FEED RAISING GEESE FOR MARKET

Only Ordinary Care Is Needed for Profitable Results.

(By L. M. BENNINGTON.) Ganders should be sold at four years of age, as they become cranky and unproductive them.

There should be one gander for every three of four geese. Geese should be plucked about three times a year, and should yield an average of one pound of feathers for each bird. The feathers should be plucked when there is no blood in the end of the quills, or when the feathers come off without hard pulling.

Almost all varieties of geese are good sitters and need only ordinary precautions in setting them to insure favorable results.

After laying a dozen eggs they feath er their nests in a manner almost identical with that employed by their wild congeners, and at once commence

After a few day's trial the eggs may be given the sitter, and little care is needed for the next month, during which she will sit quietly, provided she is not too much annoyed and inter-

At the end of the month the goslings will appear in good shape to begin life on their own account.

For the first day or two they require only the same diet of boiled egg and bread crumbs as chicks or any domestic fowl receive, with, perhaps, the addition of a little tender grass, cut fine, on the second day.

In the course of a few days they will become strong enough to commence investigation of the near neighborhood, and may be transferred from the nest to a coop, slatted up so the old goose will be confined while the openings between the slats will permit the

When the goslings appear to have

Geese left at large in this way will the keeper falls down is in failing to | thrive and grow fat simply on what supply enough nesting material and they can pick up suited to their taste on almost any uncultivated meadow. Obviously, the nesting material must | Grass and various wild plants furnish be clean, or the eggs become soiled by their staple food from April until Nocontact, and it must be sufficient in vember, at which time their young are

Geese should be fed like ducks, the Mashes of bran and cornmeal, with sults when newly laid eggs fall upon | cooked vegetables, should be fed morn-

Grasses, green rye and green vegetables will be of advantage to the

Color of Eggs.

The eggs from fowls of the American breeds-Plymouth Rocks, Wyandottes, in their varieties, and Rhode island Reds-are sometimes quite a dark brown, but the eggs from average fowls of these breeds are not deeply tinted, while practically all the nonsitting breeds-Minorcas, Leghorns, Spanish, Polish, Hamburgs Houdans, etc., lay white eggs, though occasionally some of these lay slightly

Discard Roupy Fowls. Often a roupy fowl, if it recovers, is liable to be attacked again. Fowls that have had the roup should never be used for breeding stock, as the weakness is transmitted to the off

KANSAS RAILROAD PULLS CARS WITHOUT LOCOMOTIVES.

Only Line in the Country so Operat Ing-Has Made Remarkable Record Since Its Inception in the Early Eighties.

The only gasoline railroad line in ter board recently gave a charter to gregate many millions of dollars. the new gasoline railroad, which cannot operate its line except by motor. The motive power of the road is now a second-hand motor car that hauls small freight cars and passengers.

Many years ago the Kansas, Southern and Gulf was incorporated to build an air line from the big wheat fields of the Dakotas to tidewater. Work was started at the most central point on the line, at Blaine, Kan., in northern Pottawatomie county. Twelve miles of road were completed, and then no additional market could be found for the bonds and the dream



The Westmoreland Interurban Rail way'n One Train, Pulled by a Motor

ended. Westmoreland is the county seat of Pottawatomie county and this was its only railroad.

The railroad was probably the poor est stretch of grade and track in the country. It was as poorly equipped as any railroad, too, owning at one time two whole engines and three cars. It never paid dividends and some years had to borrow money to pay the interest on its bonds.

About five years ago the stockhold ers gave up trying to operate the road. The engines were worn out and there was no money for repairs. So train service stopped and a man was sent out to carry the mail on a handcar. Then, because the corporation was not fulfilling its duty to the state, the state took over the property and C. E. deviations of the river have been at Morris was appointed receiver.

Morris traded the two locomotives for a fairly good one and kept the trains going with reasonable regularity. He tried to resign several times. but the court wouldn't let him. He fired a lot of conductors, station agents, passenger agents, freight agents and similar employees, who remoney anyway. He made the fireman ever figured in his long service with act as conductor and brakeman and did all the other work himself. Morris also got a court order that let him raise the freight rates and he charged pleted six years ago. five cents a mile for passenger fares. But even this would not make the old road pay expenses with the heavy repair bills to the engines and cars, and the cost of operating an engine and hauling only two or three cars at a

About two years ago Mr. Morris sent the old engine to the scrap heap and with the money he received from the engine as old iron and steel, went to Kansas City and bought a six-cylinder | thing. motor car that was in first-class running order, but very much out of date. He drove the car overland from Kansas City to Westmoreland. Then he sold the wheels and the rubber tires air pump controlled the air brakes, and and hired a mechanic to help him fix up the car.

Everybody Rides the "Engine."

The trucks of a handcar were fitted to the front axle of the motor car and two of the front wheels of a locomotive were fitted to the rear axles and the new locomotive was ready for use. It could haul six passengers, besides the driver, and could push or pull an ordinary freight car around. But the motor car was so low that the ordinary freight cars were unsatisfactorily handled. Receiver Morris went out and bought some more handcars and built bodies on them. He now has three cars, each with a capacity of two tons of freight, and the motor car, which is large enough to handle the ordinary business of the line.

A new company was recently formed and the railroad has been sold. The company never intends to use any motive power except discarded motor cars that it can buy cheap and with a little overhauling make suitable for handling the work along the twelve miles of line. It can now operate at a small profit.—Kansas City Star.

Many Women Invest.

The Pennsylvania railroad is to a considerable extent owned by women, though they do not seem as yet to be represented on its official staff. The latest report, that of December, 1914, shows that 47.17 per cent of the road's with electric locomotive headlights so shareholders are women, aumbering in all 43,912 individuals.—The Outlook. their rays wherever needed.

Prospects Are That Much Money Is to Be Spent for Equipment at Once.

It would seem from the large number of railroad equipment orders being received by steel companies and car building concerns that the buying of equipment by railroads, long suspended, is now in full swing. Recently the railroads bought about sixtyfive thousand tons more rails, and steel companies of the Pittsburgh disthe country is in operation in Potta- trict report increased inquiries, with watomie county. Kansas. It is the good prospects of some large con-Westmoreland Interurban Railroad tracts. Car buying is becoming more company, the successor to the Kan- pronounced daily, builders say. Nearsas, Southern and Gulf, one of those ly every railroad in the country has north and south railroad dreams of participated in the car-buying movethe early eighties. The Kansas char- ment, and up to date the orders ag-

> Conspicuous among the car orders just reported are the following: Atchison, Topeka & Santa Fe, 700 hox cars and 200 tank cars; Union Pacific, 750 stock cars; Baltimore & Ohlo, 1,000 box cars and 1,000 hoppers; Illinois Central, 1,000 refrigerator cars; Philadelphia & Reading, 10 caches and 15 combination cars: United Coal company, 1,000 repair cars; Spang, Chalfant & Co., 10 flat cars and 5 gondolas; Grand Rapids & Indiana, 6 coaches; Erie Railroad, 500 repair cars; New York, Chicago & St. Louis, 200 repair cars; Chicago, Burlington & Quincy, 1,200 box cars and 300 stock cars: Kansas City Electric Railway, 50 street cars; Vernon Coal and Coke company, 100 mine cars; Mather na & Western, 5 postal cars; Chicago & Milwaukee Electric railway, 15 passenger cars.

BUILD BRIDGE OVER GANGES

Engineers Have Finally Thrown Structure Across Turbulent River of India.

The recent completion of the great railroad bridge across the Ganges a Sara marks a new epoch in the his tory of the stream, which until now has not been bridged by any structure worthy the name. The bridge took six years to build and cost \$15,000,000 It consists of fifteen main spans and six land spans, the total length being about a mile and an eighth. It was necessary to sink the foundations to a depth of 200 feet below high flood level, because the bed of the river consists of the finest sand, which carried down from the Himalayas. At obstacle such as sunken boat or tree causes this fine sand to be disturbed to as great a depth as fifty feet. Another difficulty is the habit of the Ganges to change its course rather whimsically. The point at which the river has been bridged is, so far as could be ascertained from available records, the one place at which these minimum. The river is walled with stone three-quarters of a mile upstream and one-quarter of a mile downstream from the bridge.

Stone Seta Erie Air Brake.

R. H. Wallace, general passenger agent of the Erie, described the Erie's 'queerest accident," and it was the ceived more honor and title than first accident in which Mr. Wallace the road, and it was responsible for bringing him to the city late for the first time since the Erie cut was com-

The accident happened on the Greenwood Lake division near Bloomfield. The train on which Mr. Wallace rode leaves Montclair at 8 a. m., and arrives at Jersey City at 8:19.

"The train was speeding along," said Mr. Wallace, "but suddenly there was a thumping and we came to a single." quick stop. I ran around to the engine and found the engineer under the locomotive hammering away at some Change of Food Brought Success and

"Well, it was hard to believe, but a rock had been lifted from the roadbed and had struck the air pump under the locomotive, smashing it badly. The in a moment the whole brake system was out of order. It was not conceivable that a rock lifted from the roadbed should have sufficient force to make such a dent in a pump, but it did."-New York Times.

Railroad Station Indicator. The invention provides an appara tus and means connecting the same with the running gear of a vehicle, to announce the successive stations; provides means for continuing, discontinuing and reversing the operation of said apparatus; provides an announcing ribbon and means for relieving the same of strains, and for avoiding the misregistering thereof, and provides means for winding and unwinding said ribbons, to compensate for the relative increase and decrease in diameter of the rolls for supporting said ribbon.-

Risen From the Ranks. Of the 170 ranking officers of the Pennsylvania railroad system, 163 including the president-started at

Scientific American.

the bottom, sweeping out cars, carry ing water for laborers and other like jobs of the very commonest kind. One hundred and forty-two of the 170 have been in the service more than twenty

Use Movable Headlight.

German railroads are experimenting mounted that an engineer can direct

ARE HAULED BY MOTOR RAILROADS BUY MORE CARS SEPARATED LAMBS AND GOATS

Governor Knew What He Was Doing When He Told Anecdote of Ancient Vintage.

The governor of a southern state came to his office with a friend one morning to find a number of men waiting in the antercom. Pausing an instant, he told a story that was a decided "chestnut." When he got inside the private office the friend said: "That was a horribly old one you sprung on those fellows."

"I know it." chuckled the governor, "but did you notice that one that laughed?"

"Well. I noticed that three or four

"Those," said the governor, "are the fellows who won't get in to see me. They are the ones who have favors to ask."-Rehoboth Sunday Herald.

SUFFERED FOR FOUR YEARS.

Mr. J. M. Sinclair of Olivehill, Tenn., writes: "I strained my back. which weakened my kidneys and caused an awful bad backache and inflammation

the bladder. Later I became so much worse I consulted doctor, who that I had betes and my heart was af-

fected. I suffer-Mr. J. M. Sinclair. ed for four years Stock Car company, 500 stock cars; and was in a nervous state and very W. S. Forbes & Co., 2 tank cars: In- much depressed. The doctor's mediterborough Rapid Transit company. cine didn't help me, so I decided to 12 suburban cars; Boston & Maine, 6 try Dodds Kidney Pills, and I cannot postal cars; Long Island railroad, 20 say enough to express my relief and passenger cars; Delaware, Lackawan- thankfulness, as they cured me. Diamond Dinner Pills cured me of Constipation."

> Dodds Kidney Pills, 50c. per box a your dealer or Dodds Medicine Co. Buffalo, N. Y. Dodds Dyspepsia Tab lets for Indigestion have been proved. 50c. per box.—Adv.

Preventing Premature Burials. The fear of being buried alive always has been, and is, so widespread that the French Academy of Science some years ago offered a prize equal to \$7,500 for the discovery of some means by which even the inexperienced might at once determine whether, in a given case, death had ensued or not. A physician obtained the prize. He had observed the following well-known signs: If the hand of the suspected dead person is held towards a candle or other artificial light, with the fingers extended and one touching the other, and one looks through the spaces between the fingers towards the light, there appears a scarlet red color where the fingers touch each other, due to the blood still circulating; it shows itself through the tissues which have not yet congested. pure. When life is entirely extinct, the phenomenon of scarlet spaces between the fingers at once ceases. The most extensive and thorough trials estab-Hahed the truth of his observation.

A Good Job.

The professional joker entered the office one morning in fine humor. "Say, Bill," he shouted to his friend at the next desk, "I heard of a job that would interest you. It takes only a few hours in the evening and pays good

"Well, you just go down to the aquarium and see my friend Mr. -He'll fix it up for you. But be sure to bring a trap along."

"A trap?" "Sure. You'll have to have a trap. The job's catching mice for the cat

Congratulations.

"Congratulate me; I'm married." 'Sure-and congratulate me; I'm

THE WAY OUT Happiness.

An ambitious but delicate girl, after failing to go through school on account of nervousness and hysteria, found in Grape-Nuts the only thing that seemed to build her up and furnish her the peace of health.

"From infancy," she says, "I have not been strong. Being ambitious to learn at any cost I finally got to the High School but soon had to abandon my studies on account of nervous prostration and hysteria.

"My food did not agree with me, and I grew thin and despondent. I could not enjoy the simplest social affair for I suffered constantly from nervousness in spite of all sorts of medicines.

"This wretched condition continued until I became interested in the letters of those who had cases like mine and who were being helped by eating Grape-Nuts.

"I had little faith, but procured a pkg, and after the first dish I experienced a peculiar satisfied feeling that I had never gained from any ordinary food. I slept and rested better that night and in a few days began to grow stronger.

"I had a new feeling of peace and restfulness. In a few weeks, to my great joy, the headaches and nervous ness left me and life became bright and hopeful, I resumed my studies, and later taught ten months with easeusing Grape-Nuts every day. I am now the mistress of a happy home, and the old weakness has never returned."

Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs. "There's a Reason." Ever rend the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

WOMEN FROM 45 to 55 TESTIFY

To the Merit of Lydie E. Pink ham's Vegetable Compound during Change of Life.

Westbrook, Me. -- "I was passing through the Change of Life and had pains in my back and side and was so weak I could hardly do my housework. I have taken Lydia E. Pinkham's Vegetable Compound and it has done me a lot of good. I will recommend your medicine to my friends

and give you permission to publish my testimonial." -- Mrs. LAWRENCE MAR-TIN, 12 King St., Westbrook, Maine.

Manston, Wis. -- "At the Change of Life I suffered with pains in my back and loins until I could not stand. I also had night-sweats so that the sheets would be wet. I tried other medicine but got no relief. After taking one bottle of Lydia E. Pinkham's Vegetable Compound I began to improve and I continued its use for six months. The pains left me, the night-sweats and hot flashes grew less, and in one year I was a different woman. I know I have to thank you for my continued good health ever since." - Mrs. M. J. BROWNELL. Manston, Wis.

The success of Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, is unparalleled in such cases.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass. Your letter will be opened, read and answered by a woman, and held in strict confidence.

He Ought to Know.

Adam complained. "The early bird may get the worm, but if you are too early you get a snake," he cried.

have proved their worth as superior medicines by more than 37 years' world-wide use. They have given remarkable results in the treatment of numberless and almost helpless gases. Warner's Safe Remedies are and absolutely

If you are afflicted with any of these diseases, we will send a sample free, or you may procure full size packages from your druggist. Following are the remedies: Each for a purpose.

Warner's Safe Remedy for the Kidneys
and Liver SOn and \$1.50

Warner's Safe Rhenmath Remedy \$1.35

Warner's Safe Diabetes Remedy \$1.35

Warner's Safe Nervine SOn and \$1.00

Warner's Safe Athena Remedy .78

Warner's Safe Athena Remedy .78

Warner's Safe Remedies Co.

Rochester, N. Y.

"Fine!" said Bill. "Tell us about The Wretchedness of Constipation

Can quickly be overcome by CARTER'S LITTLE LIVER PILLS. Purely vegetable -act surely and gently on the iver. Cure Headache. Dizzi-

ness, and Indigestion. They do their duty. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature



Soluble Antiseptic Powder to be dissolved in water as needed For Douches In the local treatment of woman's ills

such as leucorrhoes and inflammation, bo douches of Paxtine are very efficacion No woman who has ever used medicate douches will fail to appreciate the clean an healthy condition Paxtine produces and the which follows its use. This is because Par possesses superior cleansing, dis for ten years the Lydia E. Pinkham Medicine Co. has recommended Paxtine in their private correspondence with wo-

men, which proves its superi-ority. Women who have been relieved say it is " worth its weight in gold." At druggists. The Paxton Toilet Co., Boston, Mass.



Official Denia Ro War Tax on Homestead Land to C

The report that a war tax is to be ple Homestead lands in Western Canada United States, this is to advise all engithes to advise all engithes no such tax has been placed, per is any intention to place a war tax of any nen such lands; (Migned) W. D. Seet, See Immigration, Ottown, Canada, March Min.

RENTUCKY BRIDE LEAD