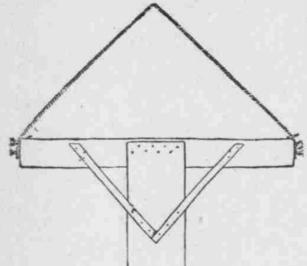


FARM & GARDEN

TWO LAND LEVELERS.

Neither of Them is Patented, Yet Both Do the Work as Well as the Most Intricate Devices.

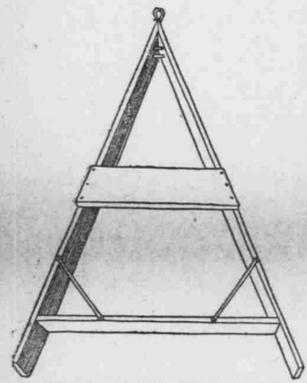
Land should be graded down to smoothness before planting to insure profitable and uniform crops. This is necessary where irrigation is practiced, to secure proper moisture and equal distribution of water, and where the rainfall is depended on, ridges will not get enough water, while the lower places will have too much.



A SIMPLE LEVELER.

the most satisfactory results have been obtained from home-made graders. They cost almost nothing and can be made quickly by any man who can handle a saw, hammer and nails, and can be replaced every season if old ones are destroyed.

The cheapest device consists of a small log or pole, about five feet long and six to eight inches in diameter, notched at either end to fasten a rope or chain, and having a three-foot board nailed to the top and dragging behind.



A LITTLE MORE ELABORATE.

throwing his weight on either side or stepping back on the board as required. A field may be leveled by driving round or by crossing back and forth. Furrows can be filled and ridges leveled by dragging across and over them.

The other leveler, which costs more money and requires greater skill in making, will fill the demand for larger areas, and do all that any ordinary machine will. This is made of two-inch slabs or planks, and should be bolted at the three corners.

The presence of gapes will be easily known by the drooping, feeble appearance and open, gasping mouth of the chick. Temporary relief may be afforded by means of a looped horsehair or a partly-stripped feather introduced into the trachea, but the remedy is difficult to be applied thoroughly to young chicks.

CORN MEAL SOMETIMES.

Good Thing for Poultry Provided It Is Given Properly and Especially in Reasonable Quantities.

Cornmeal is a good thing to feed hens if it be fed properly and in proper quantities. The writer has been very careful not to feed either corn or cornmeal to an extent to induce a too great amount of fat. This is about the only objection in feeding cornmeal to a fully developed hen.

Perhaps the girl concluded that this was as good a time as any to take him down a peg or two, for she replied very coolly: "Yes, I do realize it now. You see, papa is out of town on business a good deal, so that mamma, sunny and I are often quite alone. I have thought it all over and have come to the conclusion that it would be ever so much safer for him in the house all the time."

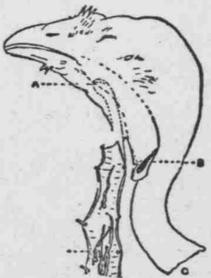
Cornmeal so prepared is fed only in the morning, and that, too, only to an extent that can be eaten. To balance this whole oats are kept before the fowls for the rest of the day, the only other food being table scraps. At night the oat trough is taken out of reach, so that the hens cannot fill up on them in the morning before the cornmeal is given to them.

GAPES IN CHICKENS.

Birds Afflicted with This Disease Should Be Separated from Others and Kept on Board Floors.

The presence of gapes will be easily known by the drooping, feeble appearance and open, gasping mouth of the chick.

Temporary relief may be afforded by means of a looped horsehair or a partly-stripped feather introduced into the trachea, but the remedy is difficult to be applied thoroughly to young chicks.



EXPLANATORY DIAGRAM.

Dissection of a chick affected with gapes, the trachea pinned open. A, the glottis or opening through which air enters the trachea from the mouth; B, the cut end of the oesophagus; C, the cut neck. The gape-worms are seen in the trachea or windpipe at the lower left of the illustration.

Gorman recommends rubbing the neck from time to time with vasoline thoroughly mixed with a little turpentine, the treatment to begin before the disease makes its appearance. Fowls when attacked after the first few weeks are likely to recover of their own accord.

Gorman finds that chickens kept on a board floor do not have gapes, perhaps because they cannot get earth-worms, which are supposed to convey the disease. Chicks which have gapes should be separated from the others and the runs should be changed if possible. Copperas should be added to the drinking water. Wherever the disease is prevalent young chicks should be kept for the first month on a board floor.—Orange Judd Farmer.

Ducks may sometimes be assisted out of the shells, but chickens, never.

NEEDED HIM IN THE HOUSE.

The Cool Retort of a Witty Girl to Her Complacent Financier Sets Him to Thinking.

Among weddings slated for the near future is that of a clever young lawyer who has just won for his bride a charming girl whose heart he had long laid siege. The lawyer is not without a certain amount of good opinion regarding himself, and particularly prides himself on being rather a favorite among girls of his acquaintance.

"I know that you would realize that you would be happier with me than without me," he suggested, with just a hint of triumph in his tone. "Perhaps the girl concluded that this was as good a time as any to take him down a peg or two, for she replied very coolly: "Yes, I do realize it now. You see, papa is out of town on business a good deal, so that mamma, sunny and I are often quite alone."

The accepted lover gasped in astonishment for a moment, but then, seeing a twinkle in his adored one's eye, forgave her on the spot. On the way home, however, he voted that his future wife would be a dangerous customer in repartee.—Chicago Chronicle.

A CHEERFUL WOMAN.

From the Democrat, Brazil, Ind. Every woman cannot be beautiful, but a cheerful face often supplies the deficiency. But no one can be cheerful and bright-eyed unless she has perfect health.

Mrs. Amanda Robinson, wife of William Robinson, farmer and stockman, near Hoveston, Ind., is thirty-two years old and had for several years been in declining health and despondent. For three months she was not only unable to attend to her domestic duties, but too feeble to be up and about. To-day she is in good health and able to attend to her household affairs. She relates her experience as follows:

"I was afflicted with female troubles and was in a delicate state of health. I lost my appetite, grew thin and was greatly depressed. After taking various remedies without being benefited I was induced by a friend to try Dr. Williams' Pink Pills. "Early in the summer of 1897 I procured five boxes of them and before finishing the second box I began to improve and by the time I had taken the five boxes I was able to go about my usual work and stopped taking the pills. "Our daughter Anna, twelve years, was also afflicted with decline and I had no ambition. She took two boxes of pills and they restored her appetite, digestion and brought color to her cheeks. This is the best of health. "Dr. Williams' Pink Pills for Pale People, the best medicine we ever had in our family, recommend them to all needing a remedy for toning up and rebuilding a shattered system."

No discovery of modern times has proved such a blessing to women as Dr. Williams' Pink Pills for Pale People. They restore strength and health to exhausted women when every effort of the physician proves unavailing. These vegetable pills are everywhere recognized as a specific for diseases of the blood and nerves.

A Cure. Author—I am troubled with insomnia. I lie awake at night hour after hour thinking about my literary work. His Friend—How very foolish of you! Why don't you get up and read portions of it?—Boston Traveler.

A Round of Pleasure. Belle—How would you like to enjoy a century of bliss? Bettie—Oh, I have, you know. Will and I enjoyed our last summer, on his tandem.—Yonkers Statesman.

And He Gets It. Ted—What kind of a fellow is it that buys green goods? Ned—He must be a man who wants money bad.—N. Y. Journal.

A fellow is never so anxious to work as when he isn't able.—Washington Democrat.

Exuberant patriotism is often used as a cloak by knavish politicians.—Rams' Horn.

THE MARKETS.

Table listing market prices for various goods like LIVE STOCK, FLOUR, GRAIN, etc. in Cincinnati, Chicago, and Indianapolis.

Thrown Into the Shade.

"It's a little tough on our young Chicago," laughed the man from Saginaw, "and I wouldn't tell it in Bay City. I had some business down in Texas that required a good deal of railroad travel. One day I found myself on the parlor car with no one but the porter and the natural desire for companionship asserted itself. After we had talked for a time, during which he had the tact to address me as 'cunnel,' he ventured to inquire in an apologetic way where I was from."

"Saginaw," I responded. "Saginaw, cunnel; what's dat, sah?" "In Michigan, my boy." "O, yes, sah. Mich'gan. Dat's in De-troit. I had a gen'l from dar las' wintah, sah." "I simply went into the smoking compartment and communed with myself for the rest of the trip."—Detroit Free Press.

Bad Pay and Hard Work. The bad pay and hard work of trained nurses has often been made the subject of benevolent remonstrance by eminent medical men and nonprofessional philanthropists. It is well for an invalid, before he gets so bad as to need a nurse or doctor, to use Hostetter's Stomach Bitters if he has chills and fever, constipation, rheumatism, dyspepsia and nervousness. Use it regularly.

Repartee. If we were asked to define repartee most of us would say that it was the brilliant thing we thought of saying when the occasion for saying it had slipped away from us.—Chicago Times-Herald.

Deafness Cannot Be Cured by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness caused by Catarrh that cannot be cured by Hall's Catarrh Cure. Send for circulars, free. F. J. Cheney & Co., Toledo, O. Sold by Druggists, 75c. Hall's Family Pills are the best.

A Natural Effect. "I'm a good deal stuck on those jewels Mrs. Bonzong is wearing to-night." "I don't wonder at it. Everybody says they are paste."—Cleveland Plain Dealer.

Shake Into Your Shoes. Allen's Foot-Ease, a powder for the feet. It cures painful, swollen, nervous, smarting feet and instantly takes the sting out of corns and bunions. It's the greatest comfort discovery of the age. Allen's Foot-Ease makes tight or new shoes feel easy. It is a certain cure for sweating, callous and hot, itching feet. Try it to-day. Sold by all druggists and shoe stores, 25c. Trial package FREE. Address Allen S. Olmsted, Le Roy, N. Y.

There never was a day that did not bring its own opportunity for doing good, that never could have been done before, and never can be again.—W. H. Burleigh.

Many People Cannot Drink coffee at night. It spoils their sleep. You can drink Grain-O when you please and sleep like a top. For Grain-O does not stimulate; it nourishes, cheers and feeds. Yet it looks and tastes like the best coffee. For nervous persons, young people and children Grain-O is the perfect drink. Made from pure grains. Get a package from your grocer to-day. Try it in place of coffee. 15 and 25c.

A man who goes fishing and sits in a hammock, uninviting position all day and his fun is the chap who never goes to church because the pews are uncomfortable.—Chicago Daily News.

A man marries a lovely creature in white satin, and then lives with a woman who wears Mother Hubbards and dressing sacks.—Acheson Globe.

Fits stopped free and permanently cured. No fits after first day's use of Dr. Kline's Great Nerve Restorer. Free trial bottle & treatise. Dr. Kline, 933 Arch St., Phila., Pa.

Marriage is a failure only to sated people who do not find marrying mates.—N. O. Picayune.

To Cure a Cold in One Day. Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

The pulling of a sound tooth tries the acoustics of the dental chamber.—Chicago News.

Piso's Cure is a wonderful Cough medicine.—Mrs. W. Pickett, Van Siclen and Blake Aves., Brooklyn, N. Y., Oct. 26, '94.

Scorching is apt to singe the popularity of cycling.—Chicago News.

Opportunity may trip a giant.—Rams' Horn.

THE DAWN OF WOMANHOOD.

Barnest Words From Mrs. Pinkham to Mothers Who Have Daughters, and a Letter From Mrs. Dunmore, of Somerville, Mass.

The advent of womanhood is fraught with dangers which even careful mothers too often neglect. One of the dangers to a young woman is belated menstruation. "The illy droops on its stem and dies before its beauty is unfolded," or she may have entered into the perfection of womanhood with little apparent inconvenience or disorder of health. But suddenly the menses entirely cease. Mother, puberile malady is taking hold of your daughter, and quick consumption may follow! Take in stand steps to produce regular menstruation: Lydia E. Pinkham's Vegetable Compound is certain to assist nature to perform her regular duties, procure it at once; there are volumes of testimony from grateful mothers who have had their daughters' health restored by its use. If personal advice is desired, write quickly to Mrs. Pinkham, at Lynn, Mass. It will be given you without charge, and it will be the advice of abundant experience and success. Read the following from Mrs. CHARLES DUMMORE, 102 Fremont St., Winter Hill, Somerville, Mass.: "I was in pain day and night; my doctor did not seem to help me. I could not seem to find any relief until I took Lydia E. Pinkham's Vegetable Compound. I had inflammation of the womb, a bearing-down pain, and the whites very badly. The pain was so intense that I could not sleep at night. I took Lydia E. Pinkham's Vegetable Compound for a few months, and am now all right. Before that I took morphia pills for my pains; that was a great mistake, for the relief was only momentary and the effect vile. I am so thankful to be relieved of my sufferings, for the pains I had were something terrible." Lydia E. Pinkham's Vegetable Compound; a Woman's Remedy for Woman's ills.

Dr. Ayer's Sarsaparilla advertisement. Includes text: "It's the name to remember when buying Sarsaparilla. Dr. Ayer's Sarsaparilla has been curing people right along for nearly 50 years. That's why it is acknowledged to be the sovereign Sarsaparilla. It is the original and the standard. The record of the remedy is without a rival, a record that is written in the blood of thousands, purified by its healing power."

SAPOLIO RHEUMATISM advertisement. Includes text: "YOU WILL REALIZE THAT 'THEY LIVE WELL WHO LIVE CLEANLY,' IF YOU USE SAPOLIO RHEUMATISM. Permanently cured by using DR. WHITEHALL'S RHEUMATIC CURE. The sweet and best. Sample sent FREE on mention of this publication. THE DR. WHITEHALL MEDICINE CO., South Bend, Indiana."

Candy Cathartic Cascarets advertisement. Includes text: "Tape Worms. A tape worm eighteen feet long at least came on the scene after my taking two Cascarets. This I am sure has caused my bad health for the past three years. I am still taking Cascarets, the only cathartic worthy of notice by sensible people." Geo. W. Bowles, Baird, Mass.

Winchester Gun advertisement. Includes text: "Winchester Repeating Arms Co. 180 Winchester Ave., New Haven, Conn. Send your name on a postal card and we will send you our 136 page illustrated catalogue free."

Allen's Ulcerine Salve advertisement. Includes text: "Allen's Ulcerine Salve. Is the only sure cure in the world for Chronic Ulcers, Bone Ulcers, Scrofulous Ulcers, Venereal Ulcers, etc. It never fails. Draws out all poison. Saves expense and suffering. Cures permanent. Best salve for A. Baccuses, Piles, Burns, Cuts, and all Fresh Wounds. By mail, small, 50c. large, 1.00. Book free. J. P. ALLEN MEDICINE CO., St. Paul, Minn. Sold by Druggists."

7000 Bicycles advertisement. Includes text: "7000 Bicycles. Carried over from 1897. Best quality. High grade, all styles. Best equipment, guaranteed. \$25.75 to \$120.00. Used wheels, late models, all makes, \$3 to \$12. We ship on approved plan. Write for bargain list and catalogue. J. W. MEAD CYCLE CO., CHICAGO."

Live Stock Guts advertisement. Includes text: "LIVE STOCK GUTS. We will furnish duplicates of LIVE STOCK CUTS or any OTHER CUT shown in any SPECIMEN BOOK, at or below quoted prices for same. A. N. KELLOGG NEWSPAPER CO., 335 W. Fifth St., Cincinnati, O."

Earn a Bicycle advertisement. Includes text: "EARN A BICYCLE! Send name and address to your friends. Everybody needs a bicycle. Write today for particulars. E. E. COMPTON, 52 Dearborn St., R. 111, Chicago."

Galf Weaners and Suckling advertisement. Includes text: "Galf Weaners and Suckling. Best in the world. Approved by English Royal Society. Preventing cruelty to animals. Circular free. H. C. RICE, Farmington, Ct."

Dropsey New Discovery advertisement. Includes text: "DROPSEY NEW DISCOVERY. Gives quick relief and cures worst cases. Send for book of testimonials and 10 days' treatment free. Dr. H. H. GREEN'S SOBS, Atlanta, Ga."

Piso's Cure for Cures Where All Else Fails advertisement. Includes text: "PISO'S CURE FOR CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. CONSUMPTION."

Readers of this paper advertisement. Includes text: "READERS OF THIS PAPER DESIRING TO BUY ANYTHING ADVERTISED IN ITS COLUMNS SHOULD INSIST UPON HAVING WHAT THEY ASK FOR, REFUSING ALL SUBSTITUTES OR IMITATIONS. A. N. K.-E 1708 WHEN WRITING TO ADVERTISERS please state that you saw the Advertisement in this paper."