ndirect Fertilizers.

Gypsum, or land plaster, is sulphate of calcium, and has a limited action. It does furnish calcium and some sulphur, which are both required in considerable quantities by such crops as clover and turnips, but its chief action is in aiding the process of nitrification by which ammonia and the nitrogen of organic matter are converted into forms which are readily assimilated by the plant, and in liberating potash and other elements of plant food from insoluble forms of combination and making them available. Lime, like gypsum, aids nitrification and liberates plant food frem insoluble forms of combination, but it is more powerful in its action. Heavy clays, which are soils containing large quantities of humus are those most benefited by lime. In reclaiming swamp lands the acid humic matter of the peat is neutralized by the lime and the conditions thus made suitable for the oxidation of the nitrogenous organic matter and the production of ammonia a co hitrates. Lime has also a very eficial influence on the physical o adition of the soil.

Common salt supplies no essential ingredient of plant food. The little value which it rossesses is probably due to its action in the soll where it helps to set free more important constituents, particularly potash.

It is important to bear in mind that these indirect fertilizers do not they liberate plant food from insolu- W. F. Massey, ble forms of combination. Hence if crops are not growing on the land to make use of the liberated food, or if potash and phosphoric acid will oc- this. car. Consequently these stimulants should be used in moderation. On soil not said in nature one to one and a safe application. - Professor A. Harcourt.

#### The Farm Timber Supply.

There are hills now that have timber of more or less value on them which the owners intend to clear off just as soon as possible. Timber is going to be worth more than it ever has been worth, no matter what kind it is. The United States Forestry Service is doing good work in find- Farmer. ing new ways to use lumber of poor quality to better advantage. Lumber that would not have been put in buildings fifteen years ago is gladly The trees would tend to keep a layer ten. of rich leaf mold to enrich the land, hold water, provide shade for stock Pine Woods Mold For Sweet Potatoes. and nesting places for birds. The day will tend to perpetuate springs, since crop. And they make them, too. springs, which will supply water for trash .- W. F. Massey, stock and maybe to run a hydraulic ram for raising water for use about dwelling and barn.

Cettonseed Meal For Hog Feeding.

meal for hogs now we recommend: seed meal ...

is to be continued longer.

3. That the meal be mixed with the other feed and all soured to-

That as much green feed as possible be furnished the hogs. That a close watch be kept and

eating or gaining well. Feeders who have had experience with the meal will probably be able to ecced these recommendations, which, however, allow the use of enough well to greatly improve a good poultry for home consumption

# Trying New Tack.

"Jenkins is parading the fact that he is a woman hater."

"Some girl threw him down?" "No; he never got far enough

along with one for that. That's just the trouble. He has tried all other means of winning their affections, and he only became a woman hater show how mad they are. There are s a last resort." other ways.

meal to five of corn furnishes the nutrients in the most desirable proportions for fattening, while one or two of corn are more nearly correct for young growing stock. Of course other feeds are desirable for their influences not attributable to their composition, but it is not often that the adopted standards can be ignored in feeding any animals for profit,-From Texas Agricultural Experiment Station.

Getting Bermuda, Getting Rid of R. Bermuda seeds very sparingly in our climate, and when pastured there is very little danger of it spreading through the manure. It can be grown from seed, which can be had of the leading seedsmen, or it can be rich in insoluble form of potash, and more quickly, I think, grown from cuttings of the running streams planted in the spring. It is a hot weather grass and should be planted in the spring only. When it is desired to break up a piece plow it shallowly and rake out all that you can, then sow thickly with cowpeas, and there will be little left, for it will not stand shading. But when you once have a good pasture of Bermuda, I hardly think that you will want to break it. If you will top dress it with some bone meal every spring you will have the finest pasture you ever saw for the summer. But even where Bermuda grows rank enough to make a fair crop of hay, I would hesitate about using it for hay, for while it seeds sparingly, it does seed, add plant food to the soil, but that and in this way it may be scattered their chief value lies in the fact that to fields where we do not want it .-

### Don't Be a Soil Robber!

What does it profit a man if he the soil has been overstimulated by a sells \$10,000 worth of produce at, large and frequent application of say, \$5000 profit, and damages his lime, gypsum, or salt, loss of nitrogen farm \$6000. Many never think of

I do not think than any man has a right to rob his soil of all its fertility any more than he has to rob a friend; one-half tons per acre of lime at in- for God gave us a fertile land to protervals of five or six years would be duce our crop, and should we rob it, what will the future generations do?

When looking over the worn, waste, gullied lands of washed farms of once fertile soil, I stop and wonder, should the owner ever be lucky enough to reach the pearly gates, if St. Peter would not send him back to stop those hollows that he let wash out during his shiftless and unappreciative life upon earth .- J. D. Stodghill, Shelbyville, Ky., in Progressive

# Money in the Woodlot.

The treatment of the woodlot or of vacant land that ought to be made used now. Furthermore, the farm into a woodlot is a subject to which must always have its supply of wood too little attention is paid, considerfor fuel, for posts, poles, etc. If the ing the money that there is in it. In timbered hills were used to the best traveling over the country one sees advantage, a large proportion of them an aggregate of thousands of acres should have the timber cut off grad- of old fields which have lain idle for ually and with discretion. It should twenty years, encumbered with scrubs be the affn to keep a stand of timber or worthless growths. Had they over a large area - not merely in been intelligently handled they would ! spots. When a tree died, it could be now be producing merchantable trees. used for whatever it was worth most. "Ch, well, twenty years is too long to When trees were standing too thick, wait, anyways," says Simpson Slack. some of them could be cut out; but But, Mr. Slack, you can look ahead the cutting should be done in a way ten years, surely. Now when your that would give a regular supply of woodlot is ten years old, you can find timber to be cut from year to year. a purchaser who will wait the other

If your soil is rather heavy for pois not distant when it will generally tatoes, try plowing under a heavy be considered favorable to a farm to cover of half rotted trash from a pine have many birds about to feed on woods, pine straw and rotted stuff, harmful insects. Birds that are now The great market crop of sweet potaignorantly supposed to be enemies to toes on the eastern shore of Virginia the farmer will in the flight of fuller is largely made with this material. knowledge be seen to be more friends Every pine woods there is raked clean than enemies. The timbered land every spring for the sweet potato

the rains, instead of rushing off down But I know, too, that a crop of the hillsides, will be caught by the crimson clover on the land would do leaf mold and held there till it slow- better and be cheaper than the laborly penetrates to the deeper layers of lous hauling from the woods. But the land. From these deeper layers where there is no clover and you want it will gradually come forth in a late crop of sweets, try the woods

Example For the South.

At Hutchinson, Minn., not long ago there was a procession in connection with a dairy convention in a section To those wishing to use cottonseed that went to the bad a few years ago on account of the chinchbug. A Jer-1. For animals on heavy feed that sey cow headed the procession and not more than one-fourth the weight wore a silk blanket on which was of the grain ration consist of cotton-printed, "I raised the price of land in McLeod County to \$100 per acre." 2. That this feeding continue not That was a nice jump, and thousands more than fifty days, or that the pro- of counties in the South can have as portion of meal be reduced if feeding good experience if the farmers will go at dairying in the way the Minnesota bunch did.

Use Sprightly Breeds.

For the use of the farmer the more sprightly breeds of chickens have something in their favor, since they meal taken from any animals not will travel about more to hunt food and consume more insects.

A Hint About Food.

There is too much salt pork and stringy beef used in the South. More corn diet. One round of cottonweed spells better meals and more health.

# Pert Paragraphs.

You never can tell. Fortune may have it in for you and then again she may be lying in wait for your enemies. Cheer up.

Hunger is an excellent thing to make you change your way of thinking-and sometimes your way of do-

Women don't have to swear to

The Wheat Field.

has been brought up to perfection, as it stands. Yellow as gold, with the sheen of the sea, billowing from skyline to sky-line like an ocean of gold, where the wind touches the rippling wave crests with the tread of invisible feet. In California, in Oregon, in Washington, in Dakota, in the Canadian Northwest, you may ride all day on horseback through the wheat fields without a break in the flow of yellow heavy-headed grain. No fence lines. No meadow lands. No shade trees. No knobs and knolls and hills and hollows of grass or black earth through. From dawn till dark, from sunrise in a burst of fiery splendor over the prairie horizon to sundown when the crimson thing hangs like a huge shield of blood in the haze of a heat twilight-you may ride with naught to break the view between you and the horizon but wheat-wheat, It is like the gold fields. It goes to your head. You grow dizzy looking at it. You rub your eyes. Is it a mirage? Billowing yellow waves seem to be breasting the very sky. You look up. The sky is there all right with the black mote of a meadow lark sailing the azure sca. He drops liquid notes of sheer mellow music down on your head, does that meadow lark and that gives you back your perspective, your sense of amazing reality. You are literally, absolutely, really, in the midst of a sea of living gold. It is you and not the lark that is the mote. You begin to feel as if your special mote might be a beam that would get lost in infinity if you staid there long; and so you ride on-and on-and some more on-and by and bye come out of the league-long, fenceless fields with an odor in your nostrils that isn't exactly like incense-it's too fugitive, too fine, too sublimal of earth. It is aromatic, a sort of attar of roses, the imprisoned fragrance of the billions upon billions of wheat flowers shut up in the glumes of the heavyheaded grain there. And that's the odor of the wheat-From "Harvesting the Wheat," by Agnes C. Laut in The Outing Magazine for October.

Hicks' Capudine Cures Women's Monthly Pains, Backache, Nervousness, and Headache. It's Liquid. Effects immediately. Prescribed by physicians with best results. 10c., 25c., and 50c., at drug stores.

If no fight, no victory; no victory, no erown.-Savonarola.

#### To Drive Out Malaria and Build Up the System

Take the Old Standard GROVE'S TASTELESS CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle, showing it is simply Quinine and Iron in a tasteless form, and the riost effectual form. For grown people and children, 50c

Fatal.

Twas the verdict of the neighbors when

He'd drawn his final breath That he lived so strenuous a life He'd lived himself to death.

Deafness Cannot Be Cured bylocal 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 nucous lining of the Eustachian Tube. When this tube is in-

flamed you have a rumbling sound or imper-fect hearing, and when it is entirely closed Deafness is the result, and unless the inflammation can be taken out and this tabe restored to its normal condition, hearing will be destroyed forever. Nine cases out of ten are caused by catarrh, which is nothing but an infismed condition of the mucous surfaces. We will give One Hundred Dollars for any case of Dearness (caused by catarrh) that can-not be cured by Hall's Catarrh Cure. Send for

circulars free, F.J. CHENEY & Co., Toledo, O. Sold by Druggists, 75c. Take Hall's Family Pills for constipation.

Its Main Attraction.

The children who are growing up Will on the past look back And speak about their childhood as The age of crackerjack.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflamma-tion, allays pain, cures wind colic, 25c a bottle

If things were done twice, all would be wise.-German.

ECZEMA CURED. J. R. Maxwell, Atlanta, Ga., says: "I suffered agony with a severe case of esze-Tried six different remedies and was in despair, when a neighbor told me to try Shuptrine's TETTERINE. After using \$3 worth of your TETTERINE and soap I am completely cured. I cannot say too much in its praise." TETTERINE at druggists or by mail 50c. Soap 25c. J. T. Shuptrine, Dept. A, Savannah, Ga.

The campaign begins when the money begins to rattle in the tin cup.

Take a look at the wheat field that



The back is the mainspring of woman's organism. It quickly calls tells, with other symptoms, such as nervousness, headache, pains in the loins, weight in the lower part of the body, that a woman's feminine organism needs immediate attention.

In such cases the one sure remedy which speedily removes the cause, and restores the feminine organism to a healthy, normal condition is

## LYDIA E. PINKHAM'S **VEGETABLE COMPOUND** Mrs. Will Young, of 6 Columbia

Ave., Rockland, Me., says:

"I was troubled for a long time with dreadful backaches and a pain in my side, and was miserable in every way. I doctored until I was discouraged and thought I would never get well. I read what Lydia E. Pinkham's Vegetable Compound had done for others and decided to try it; after taking three bottles I can truly say that I never felt so well in my life."

Mrs. Augustus Lyon, of East Earl, Pa., writes to Mrs. Pinkham:

"I had very severe backaches, and pressing-down pains. I could not sleep, and had no appetite. Lydia E. Pink-ham's Vegetable Compound cured me and made me feet like a new woman."

FACTS FOR SICK WOMEN. For thirty years Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, has been the standard remedy for female ills, and has positively cured thousands of women who have been troubled with displacements, inflammation, ulceration, fibroid tumors irregularities, periodic pains, backache, that bearing-down feeling, flatulency, indigestion, dizziness, or nervous prostration.

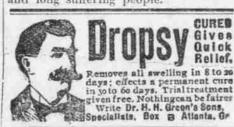
It is a bad hen that eats at your house and lays at another's .- Dutch.

# HIS SKIN TROUBLES CURED.

First Had Itching Rash—Threatened Later With Blood-Poison in Leg— Relied on Cuticura Remedies.

"About twelve or fifteen years ago I had breaking-out, and it itched, and stung so badly that I could not have any peace because of it. Three doctors did not belp me. Then I used some Cuticura Soap, Cuticura Ointment, and Cuticura Resolvent and began to get better right away. They cured me and I have not been bothered with the itching since, to amount to anything. About two years ago I had la grippe and pneumonia which left me with a pain in my side. Treatment ran it into my leg, which then swelled and began to break out, The doctor was afraid it would turn to blood-poison. I used his medicine but it did no good, then I used the Cuticura Remedies three times and cured the breaking-out on my leg. J. F. Hennen, Milan, Mo., May 13, 1907."

Between being overfed and underfed we seem to be a much distressed and long suffering people.



"Fighting Bob" Evans, during Lis last stay in Washington, was one evening a guest at a house where he met a number of the younger set of the Capital. As the admiral was leaving, he chanced to pick up from the floor a very dainty handkerchief edged with lace. He was gravely inspecting this "trifle light as air," when a rather effeminate-looking young man hastened forward to claim "Your sister's, no doubt," said the admiral as he handed it over. "On, no," said the young man; "it's mine." Evans scrutinized the young man closely. "Would you mind tell ing me what size hair-pins you use?' he asked after a pause. October Lip-

# INSIGNIFICANT WORK.

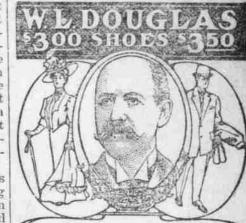
Big men do big things, but how many big things are big failures. The biggest ship that ever was built was no profit to anybody until it was sold attention to trouble by aching. It and broken up for old junk. Many a little ship during the same time had made good voyages, and brought profit to its owner. A man writes big book; he is a great man, but few people ever read his book, yet it is learned and bulky, and perpetuates the man's fame through generations. Another man writes a little etter, a pamphlet, an epistle, which can be read in an hour, carried in the pocket, copied in a little while, sent through the mails, or printed on a few pages, and that little pamphlet is translated into hundreds of languages, scattered by millions in evry quarter of the globe.

Paul, chained to a soldier in his nired house at Rome, wrote no big books. A dozen pages would contain the largest tratise he ever wrote, and yet the thoughts there embodied and the truths there declared, live through all ages and go to the ends of the earth. A seed is a little thing but in it there is the promise of a waving harvest through all the years to come. A granite monument is a great thing, but it has no advancement, no promise, no growth.

Let the man who does little things wait on God, who can make little things great, and accomplish his own purpose of grace and goodness, working wonders by means of the feeblest instruments through his matchless wisdom and his powerful love .-

Syrupoffigs acts gently yet prompt-ly on the bowels, cleanses the system effectually, assists one in overcoming habitual constipation permanently. To get its beneficial effects buy the genuine.

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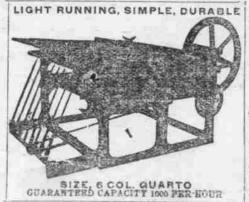
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# Malaria Makes Pale Blood

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