

Always fresh because of the Patented Stopper

The Germs Breathe

FARMOGERM

Farmogerm is the only seed inoculant as active for years after it is made as on the day it was packed. There are records of Farmogerm ten years old in which the bacteria were fresh and vigorous. No other inoculant has the ability to keep ACTIVE IN SPITE OF AGE.

The patented glass and rubber stopper, used only by Farmogerm, keeps the bacteria alive and active. This stopper enables the bacteria to breathe purified air, without which they lose their nitrogen-fixing powers. Remember, that bacteria in all seed inoculants live on air, but ordinary, unsterilized air kills them. The filtered, purified air that reaches Farmogerm bacteria, gives them life and vigor for years.

Legumes rebuild soil in Nature's own way. They are the cheapest fertilizer in the world. Inoculation of legume seed with Farmogerm eliminates the danger of transferring plant disease, weeds and undesirable bacteria from one field to another. Inoculation of legumes with vigorous, high-bred bacteria like Farmogerm, increases their value 100% to 300% besides furnishing them with enough nitrogen to enable them to make good stands on soil that otherwise would not grow legumes. Farmogerm has been made since 1908. It furnishes high-bred bacteria as carefully selected as good seed. Inoculants vary as much as seed; some good, some impure and some with weak strains.

FARMOGERM is prepared for alfalfa, clover, vetch, cow peas, soy beans, peanuts, lucerne, peas, beans, sweet peas and all legumes.

"Much pleased with Farmogerm."—South Carolina Experiment Station.
 "Quite remarkable results."—Rhode Island Experiment Station.
 "Great promise for farm industry."—New York College of Agriculture.

IS YOUR SOIL ACID?
 Most legumes will not grow on acid soil. Be sure your soil is sweet before planting. Use lime generously in connection with legumes. Most soils in East, South and Central West need Lime Treatment.

Five-acre size, \$3.00; one-acre size, \$2.00; garden-size, 50 cents. Our new book, "Nitrogen From the Air," is free. If your dealer cannot supply Farmogerm, order direct, stating area to be inoculated.

EARP-THOMAS CULTURES CORP.
 Dept. D, No. 30 Lafayette Street, NEW YORK CITY.

Seed Dealers, Attention!

Remember, Farmogerm is the only inoculant that does not deteriorate with age. No bad stocks left over. Write for our liberal proposition.

Seed Inoculation

SECOND HAND MACHINERY FOR SALE
 Going Out of Business.. Practically All Machinery Nearly New at About Half What New Machinery Would Cost Today.

1 J. I. Case Steam Tractor, 30 H.P., canopy top, extension rims....	\$1,000.00
1 Titan Gasoline Tractor, 25 H.P.....	600.00
1 8foot Frick Engine and Boiler, on skids.....	75.00
1 Ross Ensilage Cutter, 18-inch blower discharge and distributor pipe, 16 tons per hour capacity.....	200.00
1 John Deere 2-bottom, 12-inch Riding Plow, 5 acres per day cap.	100.00
1 Oliver 2-bottom, 14-inch Tractor Plow, bought for Fordson Tractor	100.00
1 Bogg Potato Grader.....	75.00
1 New Ground 24-inch Disk Plow.....	40.00

Address **J. E. CONKLIN,** Plymouth, N. C.

HULL PEAS AND BEANS

WITH A STAR HULLER—made in eleven styles and sizes, both hand and engine power. **Velvet Beans** can be hulled with all STAR HULLERS if desired. The most efficient, durable and economical Hullers on the market and have been for over a generation. Write for catalog and full particulars.

STAR PEA HULLER CO.
 Dept. A CHATTANOOGA, TENN.

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The little matter of 15 cts. in stamps or coin will bring you the Pathfinder 13 weeks on trial. The Pathfinder is an illustrated weekly, published at the Nation's center, for all the Nation; a paper that prints all the news of the world and tells the truth and only the truth; now in its 27th year. This paper fills the bill without the emptying the purse; it costs but \$1.00 a year.

If you want to keep posted on what is going on in the world, at the least expense of time or money, this is your means. If you want a paper in your home which is sincere, reliable, entertaining, wholesome, the Pathfinder is yours. If you would appreciate a paper which puts everything clearly, briefly—here it is. Send 15c to show that you might like such a paper, and we will send the Pathfinder on probation 13 weeks. The 15c does not repay us, but we are glad to invest in new friends.

THE PATHFINDER, Box 538, WASHINGTON, D. C.

GIVE THE COWS A CHANCE WITH THE VIKING

Your cows are all right—the butter-fat is in the milk and they will give it—but it is up to you to separate it.

Are you blaming your cows for your poor record of butter-fat?

Buy a **VIKING** cream separator and get the maximum amount of butter-fat and cream from your milk—give your cows a chance to make good with a **VIKING**.

Dept. B E,
SWEDISH SEPARATOR CO.,
 507 So. Wells St., Chicago, Ill.

QUALITY BABY CHICKS PROMPT SHIPMENTS
 17 Leading Breeds at 15c each and up. Write today for free catalog. Stamps appreciated.
SPRINGFIELD HATCHERIES & POULTRY FARMS,
 Box V, Springfield, Ohio.

When writing to advertisers, say: "I saw your advertisement in The Progressive Farmer."

The Talks Printed in Farm Papers Very Interesting

THE talks by many people in farm papers to country people have always interested me. Living today in the center of one of the most progressive farm districts of the South I watch with care the forward march of the localities.

Strange to say, very few people attribute the success due the farmer to the right spot, the home. It may be an ambitious daughter but very likely the wife.

I have noticed that the country woman who is particular, who takes a pride in her sittingroom and diningroom, her carriage or her car, her front yard and personal appearance, who is what is termed in the neighborhood "stuck up" is the keynote of the situation. Every progressive neighborhood has one. Her son is the first boy to have a fine pig, her daughter is the first one to have a piano. She has the best chickens, the first spring hat and her car or carriage is well washed and well housed. You will notice that the preacher stops with her because she has a spare room.

The county agents are sure of a welcome, because she would like to know the latest news of the agricultural schools and is glad to swap a good meal for the information.

You will always find enough of the right sort of food on hand and a clean home, even though she has no servants; she finds time at night to do a little straightening of the spare room, book cases, side boards and is more than paid next morning by being several hours ahead of the neighbors. She is the woman who is unconsciously the example and inspiration of the neighborhood.

I have to visit only one home in a neighborhood to tell just how far that neighborhood has gone on the road to success. The way to get our country women aroused is through friendly rivalry. O. G. A.

Useful to Scrub Bull Owners

TO MEET the demand of livestock owners for information on proper methods of skinning and preparing hides for market, the Department of Agriculture is preparing for distribution the second edition of Farmers' Bulletin 1055, "Country Hides and Skins." The suggestion has reached the department that the publication mentioned should be especially useful to owners of scrub bulls, particularly those who are discharging unfit sires and are demonstrating their interest in livestock improvement by joining the Federal-State campaign for better sires.

Using Nitrate of Soda

A READER in the upper part of the Cotton Belt asks for advice in regard to the use of nitrate of soda, and the following is the reply of a member of our staff who has had considerable experience with this material:

"I have used nitrate of soda for several years now on corn, cotton and oats, and on the poor sandy lands of my section I would hardly care to farm without it. On cotton in 1917 and 1918 I used it at the rate of 100 pounds per acre as a side-dressing in June. In 1919 for cotton I used 150 pounds per acre, applying 75 pounds per acre at planting time and 75 pounds per acre around the cotton in June. Next season I have planned to use 200 pounds per acre under cotton, using all of it about planting time and none as a side-dressing. I am convinced, particularly in our section, where the weevil is usually-pretty bad, that it is best to use all the nitrate of soda at planting time in order to start the cotton off in a hurry. I be-

lieve you will find this plan best in your section also, and probably on all lands having a clay sub-soil.

"For corn on poor land nitrate of soda is a great help. I use 75 to 100 pounds per acre as a side-dressing, putting it around the corn when it is from knee to waist-high. It is also excellent for oats on poor land, used as a top-dressing in March at the rate of 75 to 100 pounds per acre.

"In your section I doubt if you have as acute a need for nitrate of soda as we have on our thin sandy lands, but on your thin, worn cotton lands I feel sure you will get excellent results from its use. We would at least recommend that you try it, carefully noting results, and increasing its use in case you find it profitable.

Don't Waste Time on Scrub Poultry

THE purebred rooster is certainly of the sort that pays dividends in the end and that brings greater success in the poultry business. We have been in the purebred poultry business for six years, and we buy purebred roosters from reliable breeders with which to mate our choice hens.

We started in the business with a purebred male and a dozen hens. And now we aim to keep not less than 100 laying hens and a purebred rooster to each 15 hens. The male has a far greater influence on the flock as a whole than the female, for he may be the sire of all the eggs laid by the 15 hens, while each female is the mother of only her own. He should therefore be a purebred and should have good ancestry, perfect breed characteristics, and should be healthy and vigorous. I have learned from experience that purebred stock in the poultry yard demonstrate their worth in a very short time, and that it is poor policy for a person to waste valuable time in caring for and feeding anything but a purebred flock of poultry. F. B. L.

How a Purebred Hereford Bull Paid

IN JANUARY, 1913, we purchased a purebred Hereford bull about seventeen months old, and he is still giving good service, although he is now eight and a half years old. During the time we have owned this bull we have kept from a dozen to twenty-five good common cows and heifers, all of which have been bred to him. We have gotten 92 calves from this sire to date, and have sold some cows that were bred. In addition, the Negro tenants on the farm have gotten at least 25 calves from him.

The calves are all well marked and look like full-blooded Herefords, regardless of the color of their mothers. It is a beautiful sight to see a dozen or more of these white-faced calves together, and we frequently have visitors come to see them. One season we had 25 calves, and 10 of them were dropped during a period of 11 days. The calves usually come in the spring, and we sell them in the fall, the price being usually around \$25. However, we have kept some of the heifers until they were full grown cows and sold them at good prices. They were only grades, but looked like purebreds, so strongly were they marked by the sire.

This bull has been worth hundreds of dollars to us during the past seven years, and the cows we have on hand have been bred to him again. How long he will continue to give good service remains to be seen, but he is in splendid condition now, and we are going to keep him as long as it pays. W. M. PRESLEY & SON, Coldwater, Miss.

One Satisfaction.—"What do you think of the two candidates?"
 "Well, the more I think of it the more pleased I am that only one of them can be elected."—Michigan Gargoyle.