

YOU NEED THIS BOOK!

I want it in every farm and city home reached by this paper. It will save you from \$200 to \$500 on farm and household needs in the next twelve months because

IT SETS YOU RIGHT ON PRICES

Ask for your copy today. A postal gets it. If you need anything at all in farm, shop, garage, household, don't fail to write for this free book. It tells

ALL ABOUT GALLOWAY 1917 MANURE SPREADERS
Gives all improvements, all Galloway spreader patented inventions, tells about my 90-day trial offer, describes actual field trial offer, describes and illustrates the Galloway special manure spreader construction features. Shows how we build this spreader in the Galloway factories right here in W. Va. Tells who we can sell at these low 1917 prices. If you need a spreader, get this book first!

GALLOWAY GASOLINE ENGINES
This book will tell you why you should buy a Galloway engine instead of any other. Tells about our small bore, high speed, light weight engines made, built and sold at lowest prices. Galloway engines are built to stand up under the hardest work—give a lifetime of service—save you hard work, year in and year out.

SANITARY CREAM SEPARATORS
This book is chock full of cream separator facts. It tells you why I can sell you the best separator ever built for less money than any other cream separator, manufacturer or distributor. It tells you how we build quality into our separators, out of which you get the service. It tells all about our five selling plans and our 90-day trial on your farm. Every sale backed by \$50,000 guarantee. In addition to the reputation of the Galloway Institution, you can't afford to buy a separator before getting this book. Please mention what you are interested in.

Wm. Galloway, Pres., Wm. Galloway Co.
Farm Implement Mfg. Specialists
677 Galloway Bldg., Waterloo, Iowa

"LEST WE FORGET"

NOW is the time to get in some chufas for the hogs next fall. Hog raising is profitable with pasturage.

Tools or parts of tools that are likely to rust should be coated with linseed oil before storing away.

German millet is a forage crop that should have a larger place in Southern farming than it has occupied heretofore. This is the month in which to sow it.

Branches of fruit trees should not be allowed to rub together. Separate them with shingles or tie them with twine in such a way that they will be held apart.

Watch for your bees to swarm in May or June. If you have to be away from home all day, use a queen trap to avoid the loss of a swarm.

Columbine, larkspur, hollyhock, marsh mallow, oriental poppy, hardy chrysanthemum, foxglove and sea lavender are some flowers that should be started now for next year's blooming.

"After good schools and good roads, the next thing most essential to community progress is a good Sunday school," says a friend. The spring is the best time in the world to start such a school.

And while you swat the fly, don't forget to give the rooster a black eye. The breeding season is past and as the weather warms up fertile eggs will spoil quickly.

Write the United States Department of Agriculture, Washington, D. C., for Farmers' Bulletins Nos. 318, 339, 372, 382, 431, 455, 485, 509, 515, 529, 550, 605, 646, 690, 693, and 730, all of which deal with various forage crops.

A screened porch makes a mighty good dining-room during the summer. To screen a porch with copper wire is quite expensive, but copper wire will never have to be replaced. Ordinary wire is inexpensive, however, and if kept varnished will last a long time.

The farmer who plows with dull shares should remember that such a procedure may increase the draft by one-third, and if he persists in doing this he should use three horses where he would ordinarily use two.

Thunder storms will soon be here and many cows will be killed by lightning because wire fences are not grounded. It is little trouble to ground fences so that this danger will be eliminated. In this connection, write the United States Department of Agriculture for Farmers' Bulletin No. 367—"Lightning and Lightning Conductors."

During May make additional plantings of snap beans, Lima beans, beets, carrots, corn, cucumbers, kale, endive, melons, okra, parsley, parsnips, peas, pumpkin, radish, rape, salsify and squash. Cabbage, celery, egg-plant, lettuce, pepper and tomato seed may be sowed now for late crops and transplanted.

Government Tests prove Sharples claims:

ALABAMA POLYTECHNIC INSTITUTE AND AGRICULTURAL EXPERIMENT STATION
Auburn, Ala., Jan. 5th, 1917.

M. I. Bloch, Agent Sharples Separators, Selma, Alabama.

On August 2nd, 1916, we made a series of tests with the Sharples Suction-feed Separator at our creamery, with the following results:

Revolutions per minute	Per cent cream	Per cent skim milk
35	28	.01
45	27	.01
55	26	.01
60	26	.02

So far as my knowledge goes in working with separators, the Sharples Suction-feed is the only separator that will give a uniform test with cream and skim-milk at varying speeds of the handle, and that it is the only one that does not lose more butterfat at low speed than at the proper speed.

H. C. Ferguson
Instructor in Animal Husbandry

SHARPLES SEPARATOR

Famous Suction-feed
"Skims clean at any Speed"

- the only separator that will skim clean at widely-varying speeds
- the only separator that gives cream of unchanging thickness—all speeds
- the only separator that will skim your milk quicker when you turn faster
- the only separator with just one piece in the bowl—no discs, easiest to clean
- the only separator with knee-low supply tank and once-a-month oiling


Over a million users! Made by the oldest and greatest separator factory in America. Write for catalog to Dept. 21.

The Sharples Separator Co. - West Chester, Pa.
Sharples Milkers—used on over 300,000 cows daily

Branches: Chicago San Francisco Toronto

The Cow Knows—but SHE can't talk. Ask the Dealer.

COMFORT for COWS and MILKMEN



When cows are continually tortured with flies they cannot be expected to produce the maximum amount of milk. When your cows are not producing their maximum amount of milk you are losing money.

SO-BOS-SO KILFLY is made for just such a purpose—to keep the cows free from flies while grazing in the pasture and while being milked in the barn. They will then produce their maximum amount of milk and besides man will milk in comfort.

You will also find SO-BOS-SO KILFLY equally as effective when used on horses, hens and hogs. It is a sure bane to lice and vermin.

Your dealer will sell you SO-BOS-SO KILFLY. Send for descriptive circular telling about other farm uses for SO-BOS-SO KILFLY.

The H. E. Allen Mfg. Co., Inc.
Carthage, N.Y., U.S.A.

Cool Milk—Stop Germ Growth

To cool milk in cans and bottles is not enough. You should take out animal and feed odors at once.

Improved Champion Milk Cooler-Aerator

Simple in construction; no complicated parts; no pipes to rust. Easy to clean; easy to operate. Use ice, cold water or running water.

Pays for itself in a week
The cost is so low you cannot afford to buy a cheap cooler.

Write for folder and prices
Good territory open for live agents and dealers. Liberal discount to the trade.

CHAMPION MILK COOLER CO.
Dept. 15, Cortland, N. Y.

WELL DRILLING WELL

Own a machine of your own. Cash or easy terms. Many styles and sizes for all purposes.

Write for Circular

WILLIAMS BROS., 464 W. State St., Ithaca, N. Y.

Get the Admiral Horse Press. A bustling money-maker. Big capacity at lowest cost. No foot feeding. \$160. Write today.

Admiral Hay Press Co.
Box 45 Kansas City, Mo.

Remember that if what you want to buy is not advertised in The Progressive Farmer, you can often get it by putting a little notice in our Farmers' Exchange.

Liked Mr. French's Article on Beef Cattle

I HAVE been reading every issue of The Progressive Farmer for two years, and I find it "the one piece of literature" for the Southern farmer. The April 21 issue had an article on "Making Money With Beef Cattle," and the writer, Mr. A. L. French, has impressed me so with his common sense and practical views on cattle feeding and management that I simply must compliment the paper and Mr. French. This one article will prove a boon to every stock feeder and manager of a farm if he will let it "soak in."

ARRINGTON JOHNSON.
Columbus, Miss.

"Don't guess; get busy and find out."

85c Worth of Fertilizer with Each \$1.00 Worth of Feed

YOU can feed your stock on grain or buy any balanced ration, but unless you are feeding Cotton Seed Meal you are losing money. You are not supplying protein that your stock needs at the lowest cost per pound. And you are not getting one-half the rebate in rich manure values that Cotton Seed Meal will give. When you feed this meal that's rich in protein, you get 85 cents worth of free fertilizer in the manure from each dollar worth of feed.

Cotton Seed Meal


The protein in Cotton Seed Meal costs but 5c per lb. In oats it costs 16c. In wheat middlings it costs 12c. In bran it costs 13c and in corn it costs 20c per pound. Why pay from 12c to 20c per pound for protein when Cotton Seed Meal supplies it for 5 cents per pound!

Publicity Bureau, Inter-State Cotton Seed Crushers' Association (17)
808 Main Street Dallas, Texas

To Build Up Soils
The value of manure from animals fed on Cotton Seed Meal makes the feed cost almost nothing. Consider these facts: Manure from cattle fed on Cotton Seed Meal is worth \$25.86 per ton. Manure from animals fed on oats is worth \$7.88 per ton. Manure from animals fed on corn is worth only \$6.83 per ton.

The elements of plant food that cotton extracts from the soil are mostly contained in the leaves, stalk and seed. The seed contain most of all. The lint is mostly made of cellulose (water, and carbon from the air.) Grow cotton—keep live stock, and feed them the meal. In this way you will return to your soil the plant food taken out by the seed and make money on both your cotton and live stock, as well as build up permanently the fertility of your soil.

Book of Vital Facts
Write today for book on feeding, written by a practical farmer, showing how to save money on feeds and mix properly balanced rations. Sent free upon request.



HOME CANNER

Many are making \$15.00 and up per day, canning Fruit and Vegetables for market, neighbors and home use with a

"FAVORITE" HOME CANNER

Made better, last longer, no waste, gives best results, uses less fuel, easy to operate. Prices, \$2.30 and up. We furnish cans and labels. Write for FREE BOOKLET.

The Carolina Metal Products Co.,
Post Office Box 10 Wilmington, N. C.

Ear Tags FOR STOCK

Tag your stock—best and cheapest means of identification for Hogs, Sheep and Cattle. Name, address and number stamped on tags. Catalog and samples free on request.

F. S. Burch & Co., 184 W. Warr St. Chicago

When writing advertisers, mention The Progressive Farmer.

Our Two Best Subscription Offers

\$1.50 for one renewal and one new subscription for one year each if sent in together; or

\$2.00 for a club of three yearly subscriptions all sent in together—a saving of 33 cents on each subscription. Address

The Progressive Farmer

RENEW ALL YOUR SUBSCRIPTIONS THROUGH US

Our clubs save you money. We will gladly make a special club on any papers you may wish. One letter, one money order—and it's all attended to.

THE PROGRESSIVE FARMER