

### Cotton Growers Notice!

There is a reason why we grow the BEST SEEDS. Our booklet will tell you. Ask us.

We are offering Cleveland's Big Boll, Cook's Improved, Broadwell's Double Jointed, Bank Account, Early Triumph, Langford Cluster, Uncle Sam and Tatum's Big Boll.

#### SEED CORN

Batt's Prolific, Marlboro Prolific, Tatum's Improved and Shaw's Improved.

All pure, true to name and the best money can buy. For special prices and descriptive booklet, address

**FAIR VIEW SEED FARM**  
Palmetto, Ga.

### Cook's Improved Cotton Seed

Re-improved and well selected. Sold U. S. Government doing demonstration work in N. C. for past five years. Price \$1 per bushel.

**C. A. WILLIAMS,**  
Ringwood, N. C.

### RICK'S PROLIFIC COTTON SEED

Early, big boll, and improved by personal selection of seed. Absolutely pure. Place your orders now for this celebrated variety.

In Lots of Ten Bushels or More, 80c. per Bushel f.o.b.  
**R. H. RICKS,** Rocky Mount, N. C.

### GARRETT'S SEED CORN

won prize over other varieties of \$100 offered by the Board of Trade of Cheraw. Price \$2 per Bushel.

**R. B. LANEY**  
CHERAW, S. C.

### BRANCH'S GENUINE RATTLESNAKE WATERMELON SEED

ONLY PURE STRAIN Carefully selected. Kept pure in UNITED STATES forty years. No other variety grown on plantation of 1500 acres. Pure seed impossible where different kinds are grown. 1 oz. 15c-2 oz. 25c-4 oz. 40c-1 lb. 60c-1 lb. \$1.00-5 lbs. \$4.50-10 lbs. \$8.50 delivered. Remit registered letter or money order. Send for Seed Annual. Manual on melon culture with all orders. **M. I. BRANCH,** Berzelia, Columbia County, Georgia.

### Fewer acres but better seed. The king of all cotton is MANGUM'S IMPROVED SUGAR LOAF

The earliest and most prolific cotton known. Have been improving this cotton for fifteen years. All seed grown by me, and ginned at my gin. No inferior seed sold. Prices reasonable. Address

**THE GREENFIELDS FARM**  
Wake Forest, N. C.

### 46 EARS OF CROOK'S WHITE PROLIFIC GIANT CORN

Shelled one bushel. Our White Giant was tested at the Alabama Experiment Station last year with 20 leading varieties and out-yielded them all. Catalog free. **CROOK BROTHERS,** Huron, Tenn.

#### COTTON SEED

Cook's Improved Big Boll, grown from pure seed, makes one to two bales per acre. Yields 40 pounds lint per hundred, ginned on farm—opens early. Price \$1.50 per bushel.

**J. H. BARNETT,** Westminster, S. C.

### HUNT'S IMPROVED PROLIFIC WHITE SEED CORN,

Field selected from stalks having two to three good ears. Scientifically bred for six years. Hand shelled. Peck, 75 cents; Half-bushel, \$1.40; Bushel, \$2.50.  
**R. P. HUNT,** Route 2, Wake Forest, N. C.

#### SWEET POTATO SLIPS

I am headquarters for Florida Grown Pumpkin Yam Slips. My leading potato produced this season 750 bushels per acre. Price same as common stock. Write for booklet.  
**J. R. DAVIS,** Bartow, Fla.

### SEED CORN

Boone County Special, carefully bred and selected. **GREENDALE STOCK FARMS, J.R. Andrews, Prop.,** Drawer 676, Roanoke Va.

**Ame Long Staple Cotton Seed,** \$1 per bushel for lots of ten bushels or over. This cotton sold from 15 cents to 22 cents the past year, and will yield equal to short cotton.

**R. C. COMMANDER,** Florence, S. C.

**SEED CORN** Bigg's Prolific and Cooke's Prolific seed corn for sale. Grown especially for seed. Prices: peck, 80 cents; half-bushel, \$1.10; one bushel, \$2.00; f. o. b. Waxhaw, N. C. **J. W. MORRISON,** Route 1, Box 22, Waxhaw, N. C.

**SEED CORN, POULTRY AND HOG FARM.** Bigg's ear, Cooke's and Marlboro prolific seed corn on the cob or shelled, \$2 per bushel. 200 bushels for sale. We grow it for seed. Large White Wyandotte cockerels and pullets. Plymouth Rocks and White Leghorns. We will please you.

**W. J. CROOME & SONS,** Route 2, Greensboro, N. C.

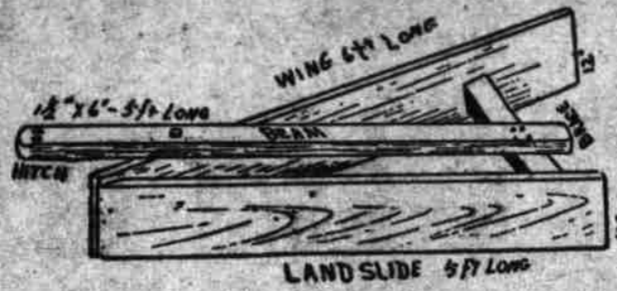
## How to Control Surface and Subsoil Water.

### A USEFUL DRAG.

(Two-Dollar Prize Letter.)

SEND the readers of The Progressive Farmer a plan of a drag for making ditches and terraces.

Procure a plank one and one-half inches by 12 inches wide, six feet long. Get another piece one and one-half by eight or 10 inches wide five feet long; cut these sloping so as to fit at an angle, or V shape, spacing



the rear ends three and one-half feet apart, bracing across with a two by six inch, two feet long. Fasten a strong piece of one and one-half by six inch, five feet long, on top parallel with landslide 16 inches from outside. It should have a bolt—an old wagon box strap iron rod will answer—through centre. In front end four holes for hitch. The bottom back edge of wing should be beveled off so as to give it a sharp, cutting edge or a plate of iron would be better still.

The slopes of wing and landslide at front end should be cut so as to give top of wing some backward slanting to give suction to ground.

Hitch two good horses to this and drive standing on, you can make a fine terrace by running once or twice in furrows after having plowed it first.

This can be made into any size. For cleaning ditches it should be made smaller.

**J. M. CORNELIUS,**  
Sherrill's Ford, N. C.

### The Poor Man's Drain Tile.

IN DRAINING wet lands I have always used poles, usually three, but two years ago got tired of cutting and handling so much timber and fell on this plan: Cut ditch with good outlet, as deep as you have fall, lay off straight and cut with straight slope to bank, so bottom will be about 10 inches. Let stand open as long as possible to drain.

Cut pine poles six or eight inches in diameter and eight feet long. One

good straight tree will make several. Start at opening of ditch distributing poles. Use larger ones first. Having poles in place, begin your work. Split poles as for old-fashioned house-logs, except you press them open about four inches and tack a strip at each end to hold open. Leave bottom untouched, it will be top when placed in ditch. Strips should be one by two, long enough to take up space in bottom of ditch, the strips hold poles up if bottom of ditch is muddy.

One hand and myself split and put in, ready for covering, over 400 feet in one day. When you get poles in, it will look like one straight pole. This is much easier than joining three poles and saves timber. Poles in place, covering comes next. Use leaves, pine straw, grass and briars off the ditches. Put in beside the pole, tramping them down, shovel off the bank so a horse can walk on it, take a good turning-plow and the job is easily finished.

This kind of drainage is for the poor man, unable to buy timber or tilling, but who has poles at hand. It is better than lumber if he had it, especially for small creek or branch land. You can have one main ditch

and use under drains to hills and where it is wet and seepage.

Until two years ago I worked some branch land for nine or 10 years, making almost a failure every year. I consulted Demonstration Agents, but the land being buck-shot, they gave me no encouragement. I tried my one pole idea, and in 1910 made a bale of cotton per acre, and some land in 1911 made 40 bushels corn per acre. These two years were very wet through June and July. **T. J. BEACH.**

### How Best to Lay Tile.

IT IS all right to start laying tile at the upper end of a drain, provided you are working in land that will not cave, but it would not do in our section, as our soil varies so that some part would surely cave ahead of the work and complicate it. This method has the advantage of eliminating the danger of tile being choked by sand from caving or washing, but, plainly, it is necessary to keep drain clear to its mouth, so that there will no accumulation of water, which would, of course, stop the work and increase the caving. I have had a nine-foot ditch cave until the gorge was 20 feet wide. Grading is a most important feature of tile drainage: it should be as nearly uniform as possible. With but one inch fall to 100 feet, the tile will surely choke from the silt, which will gradually settle in the tile until it is entirely choked where there is less than five inches fall to each 100 feet. There should be side-wells into which the silt will settle, they being regularly cleaned out to a depth of 12 or 15 inches below the tile. These wells can also be used to flush out the silt, by stopping the water until it rises in the wells, then letting it go. The total fall of a proposed drain can be found by nailing a lath two feet long across another six feet long, one foot from one end, and at right angles. Then place a level on the short lath, stand the cross at either end of the proposed drain, and with the cross arm level, sight along the top, and with a lath take the bearing at the other end of the drain and subtract the smaller from the greater and you will come near having the fall, divide the total by the distance, and there is your grade.

Mr. French's plan to dig the drain as deep as it will stand without caving is right as it facilitates the work and requires less personal supervision. I would not take the bark from poles used for under-drains, as the bark will help to keep them continuously slobbered, which is necessary to keep them from rotting. I have some such drains working, that were put down in 1878. **T. J. HAMLIN,** Mt. Pleasant, S. C.

### How To Terrace With Dynamite.

MAKE a land level of three pieces of scantling or any cheap, rough straight-edge stuff; one for your bench to be eight feet to 12 feet long and two pieces of equal lengths two and one-half feet to three and one-half feet long. At a hardware store buy a 75 cent carpenter's spirit level. Secure it on top of bench in the middle by 10-penny nails partly driven. A more simple and accurate device could not be imagined. But if you prefer, buy a land level for \$10 or \$15. Two men can level 50 or more acres a day. One takes the level and one follows with a hoe, chopping out one heaf of dirt at each end, thus indicating your terraces. Or a man may follow with a turn plow or twister, discarding hoe. Throw several deep furrows up for terraces. Now with a number of one and one-half-inch iron

## FARM DRAIN TILE

### ROUND TILE

(Made of Clay)  
The best smooth and uniform, high grade, everlasting. Our tile book, 15 pages, tells how and why and is FREE. Write for IT TO-DAY.  
**POMONA TERRA-COTTA CO.,** Pomona, N. C.

### CEMENT DRAIN TILE

Convert that barren land of yours into fertile fields by using cement drain tile. Made in sizes from three to six inches. Write to-day.  
**CONTENTNEA CONCRETE COMPANY,** Wilson, N. C.

## EXTRA SELECT HIGH-TESTING SEED CORN

Really high-grade seed corn is scarce this year. But we have it. Don't take any chances on what you buy. You can absolutely bank on what we have to offer. Last Fall's rains did a lot of damage, but we sent our experts broadcast and in particular favored communities they made their selections from the largest crops. And with this seed corn we are prepared to supply our trade. It is all from the highest pedigreed stocks, dried on the cob, and carefully graded. None of it has been in shock. Order what you need now. Select Boone County White, Johnson County White, Johnson County Yellow, Gold Standard Leaming, Reid's Yellow Dent and other extra fine varieties.

We carry largest, complete line of grass, clover, field and garden seeds. Write for our beautifully illustrated descriptive catalogues. We will send it free and it will save you 25 per cent on tested seeds.  
**WOOD, STUBBS & CO.,** Louisville, Kentucky

## MAKE MORE COTTON

on the same acreage by selecting your seed with greater care. It means more bales.

King's Early Improved is a very early, small balled, small seeded, early maturing variety. Originated in highlands of North Carolina. Bred with great care. Price, 85c per bu. In lots of 5 or more bu., 65c.

Simpkins Prolific makes cotton from top to ground and is at least 10 days earlier than any other variety—a big consideration in boll weevil sections. Gins 40 pounds of lint to the 100. Pure bred and grown by originator. Price, \$1 per bu. 5 or more bu., 75c.

Plant the above varieties this year. They are money makers—big yielders; early maturing, 40% lint! Strictly high grade seed. Prompt shipments. Write at once for catalog. Ask for prices on ear lots, delivered. Don't delay.  
**HICKORY SEED CO.,** 127 Trade St., Hickory, N. C.

## STOKES' SEEDS

I don't get orders from every catalog I send out, but I do get enough to show the majority of farmers find something of interest in it. That's why I think you'd be glad to get a copy. Why not send me your name and address?

Mention The Progressive Farmer.  
**WALTER P. STOKES, Seedsman**  
Dept. 35, Philadelphia.

## COTTON SEED

Simpkins Early and Allens Silk, the best upland long staple, 1 to 10 bu. at \$1 per bu., 10 to 25 bu. at 90c, 25 to 50 bu. at 75c per bu.

### G. C. SELMAN,

**MONROE, GA.**

### IMPROVED SEED FOR PLANTING.

Improved Dongola and Improved Cleveland Big Boll, two of the very best varieties of cotton to be found. Have been improving these varieties for the past ten years, and guarantee all seed to be pure and sound. Write for samples and price. Could not supply demand in 1911.

Marlboro Seed Corn, \$2 per bushel.

**W. B. SPEARMAN,** Social Circle, Ga.

### HOPKINS' MEXICAN BIG-BOLL COTTON.

The most wonderful yielder yet known. Does not require instructions to grow two bales per acre. It's easy on common land. I have grown three. Largest and earliest big boll known. Thirty bolls to pound. Experimental tests show the yield 300 to 1,200 pounds per acre over other varieties. Same selected seed to offer. Peck, \$1; bushel, \$2. An investment to get them. Best of references.

**J. B. HOPKINS,** Sharon, N. C.

## COW PEAS—SOY BEANS

Write us for prices.  
**RONEY & CO.,** Memphis, Tenn.

(Other Seed Ads on page 35.)