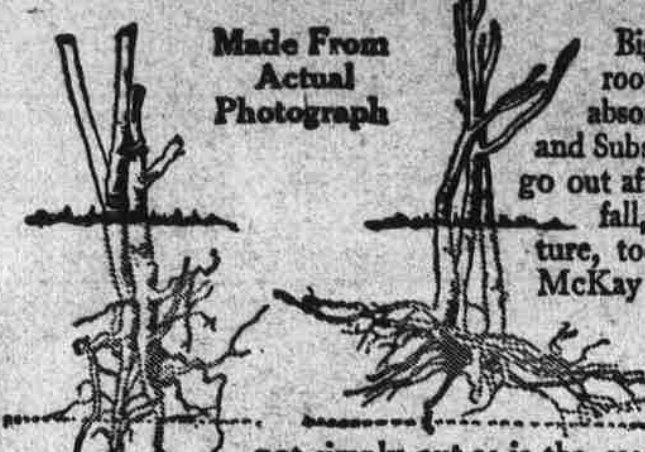


Bigger Roots Mean Bigger Crops Let the Roots Grow!



Big root growth means a big plant growth. The roots are the mouth of the plant thru which they absorb nature's food. The McKay Disc Plow and Subsoiler breaks up the soil so that the roots can go out after food. If your field is plowed with it this fall, the humus decays during the winter. Moisture, too, is caught up and held in the soil. The McKay Disc Plow and Subsoiler goes down from 12 to 16 inches into the earth—soil is sliced up and dropped back with every particle pulverized. Top soil stays on top—roots can spread down and out in every direction; not simply out as is the case when an ordinary plow is used. Dry spells are not so to be dreaded, for the roots can push themselves to food and moisture thru the soft soil. The McKay gives the roots a chance to grow.

The McKay DISC Plow and Subsoiler

Rip Open the Subsoil—Bury the Weeds and Insects

The Patented Disc and Subsoiler is especially effective against weeds, like the wild onions. It turns them under and tears their roots to bits, thus killing them.

The McKay Disc Plow and Subsoiler does away with the old-style plow with its heavy side draft. The plow runs in a straight line with the direction of the horses or tractor pulling. This makes it pull at least 25% easier than the ordinary disc plow. Usually, disc plows are made heavy to keep the discs in the soil. But, the subsoiler of the McKay draws the disc into the earth. Power generally used in pulling dead weight is taken up in subsoiling, and the subsoilers are so curved that they cannot "ride over" hard spots leaving a half finished job. They can be removed, leaving a perfect disc plow of economical draft.

Use It on Rocky, Stumpy Land Without Injuring Discs

An automatic safety release hitch saves the disc and subsoilers when a rock or stump is struck. The release hitch drops the plow before any damage is done. When a tractor is used with the McKay, this saves many broken discs and points. The beams cannot drag the ground for they have high arches. All bearings are dust proof, and provided with grease cups.



Sold on a Guarantee
Every plow is guaranteed as to material and workmanship, and that it will do exactly what we claim for it.

GET THE FACTS—Write for full information and name of dealer who can supply you.

Towers & Sullivan Mfg. Co.,
Box 57-A
Rome, Ga. (6)



Our Farmers' Union Page

Devoted to Education, Organization, Coöperation and Marketing

J. Z. GREEN, E. W. DABBS, C. G. WRIGHT, Contributing Editors

STATE UNION MEETS NEXT WEEK

Preliminary Program of Big Meeting to Be Held in Raleigh, November 14-16—Get Return Trip Tickets Before Leaving Home

ALL signs point to a great meeting of the North Carolina State Farmers' Union in the City Auditorium, Raleigh, Tuesday to Thursday of next week. The program has been prepared in recognition of the truth stated by President Alexander in his letter this week that "the work of paramount importance in 1917 is to establish in every community some form of coöperation." Practical coöperation will be emphasized in the meeting from start to finish.

Not only will all the usual business be transacted, but Secretary Faires announces a meeting of the county business agents and warehouse managers for the purpose of effecting closer coöperation between the county Unions in marketing and buying. See that your county Union is represented in this meeting by your agent or manager. Brother Faires adds:

"We have secured reduced rates to this meeting on the 'round trip plan.' Please instruct all who will attend to inquire of their agent about these rates, and be sure to get return trip ticket before leaving home."

Following is preliminary program of the great meeting, subject to later changes:

TUESDAY, NOVEMBER 14

- Morning Session**
10:30—Prayer—Rev. G. M. Duke, State Chaplain. Announcement Credentials Committee.
10:40—President's Annual Address—Dr. H. Q. Alexander, Matthews.
11:30—Report of Credentials Committee.
12:00—Report of State Secretary-Treasurer.
12:30—Adjournment.
- Afternoon Session**
2:00—"The National Rural Credits Law"—By F. J. H. von Engelken, Director U. S. Mint, Washington, D. C. (Mr. von Engelken is a member of the Florida State Farmers' Union.)
3:00—Questions of the Rural Credits Law answered by Mr. Engelken.
3:30—Report of State Organizer-Lecturer—J. Z. Green, Marshville.
4:15—Announcement of Committees.
4:30—Report of Executive Committee—W. B. Gibson, Chairman, Statesville.
5:00—Introduction of Resolutions.
5:30—Adjournment.

Night Session

- 7:30—Farmers' Union Song—(Everybody asked to join in singing.)
7:40—How a Credit Union Helps a Farm Community—Speaker announced later.
8:00—Five-minute Reports from Other Credit Unions.
8:30—How Tobacco Farmers May Share Warehouse Profits—C. R. Townsend, Farmville; C. R. Dixon, Wilson.

WEDNESDAY, NOVEMBER 15

- Morning Session**
9:00—Prayer and Song.
9:10—New Business.
9:40—Report of Fertilizer Committee. Discussion.
10:20—Report of Educational Committee.
10:40—Report of Special Committees.
11:00—Election of Officers and of Delegates to National Convention at Palatka, Fla., November 21.
12:30—Adjournment.

Afternoon Session—Discussion of Coöperative Business Activities

- 1:20—Coöperation in Buying Fertilizers, Supplies and Farm Machinery—J. R. Rives, Sanford.
1:45—Discussion and Reports on Foregoing Subject.
2:15—Coöperation in Cotton and Cotton Seed Marketing—R. W. Graeber, Charlotte.
2:30—Discussion and Reports on Foregoing Subject.
2:50—Farmers' Union Song.
3:00—Coöperative Creameries and Cheese Factories—A. J. Reed, Dairy Division North Carolina Agricultural Experiment Station.
3:15—Discussion.
3:40—Coöperative Marketing of Butter, Eggs, and Poultry—Mrs. J. Z. Green, Marshville.
4:15—Adjournment to A. & M. College for tour of inspection.
6:30—Supper at College given by College Authorities with Welcoming Message by President Riddick.

Night Session

- 7:45—Coöperation in Purchasing Pure-bred Sires—Dan T. Gray, Chief of Animal Industry Division, North Carolina Experiment Station.
8:10—Discussion.
8:30—Mutual Fire Insurance, T. B. Parker, Raleigh.
8:50—Discussion.
9:00—Presentation of Flag to Delegates from County Making Best Membership Record During the Year.

THURSDAY MORNING, NOVEMBER 16

- Morning Session**
9:00—Farmers' Union Song.

9:10—Address by National President, C. S. Barrett, Union City, Ga.
10:00—Reports of Committees.
11:00—Unfinished Business.
12:00—Adjournment.
Trains leave Raleigh after adjournment as follows: Southern Railway, going west, 4:05 p. m.; going east, 12:30 p. m. Norfolk Southern—going east, 2:50 p. m.; south 5:35. Seaboard Air Line, north, 4:55 p. m.; south 4:05.

WHAT SHOULD THE UNION DO IN 1917?

Brethren Alexander, Templeton, Faires and Weatherley Express Opinions—Business Coöperation the General Keynote

THE Progressive Farmer recently sent an inquiry to each member of the State Farmers' Union asking him to say what the Union in North Carolina ought to do next year. The following replies are interesting:

"Establish in Every Community Some Form of Coöperation," Says President Alexander

THE work of paramount importance in 1917 is to establish in every community some form of coöperation. Organization without coöperation is



DR. ALEXANDER

like faith without works; it is dead, or soon will be. Without coöperation organization is futile, useless, lost effort, wasted energy.

Activity signifies life; inactivity, death. It is next to impossible

to keep a local Union alive unless the members are at work, doing something coöperatively.

The potential power of organization is unlimited; but without coöperation it is like a great water power without the turbine wheel.

The form of coöperation should be that which will best serve the community, which the people stand in greatest need of. And fortunately coöperation can be harnessed up to almost every form and phase of community life and activity. And the best fitting, the least galling and the cheapest harness to put on is found in our North Carolina coöperative association law. This law was prepared by Union men and passed by means of Union influence, and it is the best possible tool for effective coöperation.

Coöperation can be applied in many ways to production to the lessening of cost and the increase of products. It must be made use of in marketing, as it is utterly impossible to command at all times profitable prices for our products unless we sell coöperatively.

Coöperation is equally effective in buying. All consumers are imposed upon and robbed by a system of distribution that is expensive and indefensible; but it will never be changed by its beneficiaries. And the masses of the people who are the victims can never change it except through organization and coöperation.

A state system of coöperative warehouses is but machinery to increase the efficiency of coöperative efforts and give greater benefits. The Union must do everything possible to cover this state with a system of warehouses through which every farmer can find a good market for every product that he can grow profitably, and through which he can buy as directly and cheaply as possible everything that he must needs purchase. And a persistent, determined effort should be made to establish trade connections with manufacturers to serve this end.

There are many legislative reforms that must be obtained, in state and nation, if the masses are to be saved from economic slavery; if democracy

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Twice as long as wood shingles

You must have a new roof—Your Barn, Residence, Out-house may be in such shape now as to require one. Make the examination, Don't wait for bad weather. Architects and Builders who know say put on the roof to last as long as the building, you can do this if you use

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is the only plow needed to do every kind of plowing all the year round. Can be changed in two minutes from a turning plow to a middle-breaker or cultivator, using ordinary steel points, scooters, shovels or scrapes. Saves 50 per cent on your plow bill.

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Our book, "The Boll Weevil Problem," will help you to beat the boll weevil. You can get it together with a year's subscription to The Progressive Farmer for \$1.15.

THURSDAY MORNING, NOVEMBER 16

- Morning Session**
9:00—Farmers' Union Song.