

# BETTER METHODS OF SOWING SMALL GRAIN

**If Land Is To Be Broken, It Should Be Done Early-- Don't Sow Until a Good Seed Bed Has Been Made. Slipshod Methods Of Seeding Means Poor Crops.**

In our last article we discussed the breaking of the land for oats and wheat, but perhaps too much attention can not be given to the importance of a finely pulverized, compact seed bed. Our falls are generally dry, and while this applies more especially to the Gulf States, it is also a factor to be considered in the Southeastern States. For this reason the preparation of the seed bed for fall sowed crops becomes an especially important matter and one requiring the exercise of more care and judgment than is usually given to it.

If the land can be broken and well pulverized early in the fall, say a month or more before seeding time and then harrowed after each rain, sufficient moisture will be stored, in an average year, to insure the seed germinating and coming up to a good stand. The thorough pulverizing of the soil compacts it sufficiently to put it in condition to absorb all moisture that is likely to fall and the harrowing keeps the surface broken so as to prevent large loss of this moisture by evaporation. The presence of large quantities of weeds, grass, or other vegetable matter on the land is frequent cause of failure to prepare the seed bed in such manner as to retain the necessary moisture. If the growth of vegetable matter be large, it will in dry weather cause the soil to remain loose and open, even though it be turned under thoroughly. Disking before breaking or moving the growth and then disking, will put it in much better condition for being mixed with the soil; but if this can not be done, or is not done, then it should be completely turned under and the land thoroughly disked and harrowed after the breaking, in order to compact or settle the soil.

On every farm there should be a roller and for no purpose will it be found more valuable than for compacting the land on which wheat and oats are sowed. It may be used before or after sowing the grain, but preferably before. If used after seeding a harrow should be given immediately after the rolling to prevent the great loss of mois-

ture which will take place from the smooth surface produced by the roller.

**TIME TO SEED AND QUANTITY TO USE.**

The best time for seeding is so variable in different years and in different parts of our territory that no definite advice can be given that will suit all, but a few general suggestions may be made. While too early seeding of wheat in those sections infested with the Hessian fly will render it more subject to the ravages of this pest and such early seeding of both wheat and oats as to cause too large a growth before cool weather comes is objectionable; still, we have noticed that oats and wheat sowed sufficiently early to obtain a fair growth and become thoroughly rooted give much better results than when sowed so late that cold weather comes on before sufficient growth has been made to enable the plants to become well established. Throughout the greater part of our territory probably from October 15 to November 15, for wheat, preferably by November 1, and from October 15 to November 1, for oats, are about the best periods for sowing these crops.

The quantity of seed depends somewhat on the variety or size of the grains, and the fertility of the land; but the best yields of wheat are probably made from around 1 1/2 bushels of seed per acre - 1 bushel to 1 1/4 bushels is about right. For oats heavier seeding is required, but the quantity used by good oat growers varies considerably. Some use as much as 3 and even 4 bushels per acre, but from 2 bushels to 2 1/2 bushels per acre should be ample. When sowed broadcast by hand a little more seed should probably be used than when put in with a grain drill.

**IT PAYS TO USE A GRAIN DRILL.**

With the increasing acreage which is being put into wheat and oats and the prospect for still larger acreages being sowed every year, we advise that farmers plan for the buying of grain drills for putting in the oats, wheat and other small seeds.

Better yields are obtained by seeding with drill than from hand sowing. The cost is too great for one farmer who only puts in a few acres, but one drill will do the work of a half dozen or more such farmers, and there is no reason why they should not combine in the purchase of such implements. Of course, any farmer having 25 or more acres to sow to oats, wheat or rye, etc., can afford to own a drill, but smaller farmers would find it more economical to combine for the purchase of such implements that are only used for a few days in the year. We are rather partial to the disk drills with attachments for compressing the soil on the seed, but any of the several hundred grain drills on the market will do satisfactory work. No manufacturer will put his money into the manufacturing of implements until he has demonstrated they will do good work, and if any farmer buys one and does not get satisfactory results the fault is much more likely to be his lack of knowledge of how to manage it than any defect in the implement. In the Southeastern States where oats winter kill more than in the Gulf States, the open furrow method of sowing is becoming more popular. Our travels, even in this latter section, however, convinced us that the open furrow method of sowing oats should be adopted throughout the entire South. As many, or more, oats will be produced when winter killing does not occur, but more or less winter killing occurs everywhere during all seasons, and in such cases the open furrow method of seeding is unquestionably superior.

**THE OPEN FURROW METHOD.**

The objections to the open furrow method are the absence of an implement that will enable the man with two or more horses to sow his crop rapidly and the rough condition in which the ground is left. The latter objection is largely removed by running a smoothing harrow over the land in the spring. The seed being deposited in the bottom of a comparatively deep furrow and only lightly covered come up well, are protected by the sides of the furrow from frost and the falling in of the soil from the furrow prevents the spewing which so often ruins the stand of oats when sowed on the level.—Dr. Tait Butler in Progressive Farmer.

State of Ohio, City of Toledo, Lucas County.

Frank J. Cheney makes oath that he is senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of catarrh that cannot be cured by the use of Hall's Catarrh Cure. FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

(SEAL) A. W. GLEASON, NOTARY PUBLIC. Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials free. F. J. CHENEY & CO., Toledo, Ohio. Sold by all Druggists, 75c. Take Hall's Family Pills for constipation.

**Farm For Sale.**

Anyone wanting to buy a farm between this and September 1st, 1910, will do well to see my farm 5 miles north of Walnut Cove, N. C., near the Danbury road. This is one of the best tobacco farms in this section. In the year 1908 I raised \$814.18 clear check on my tobacco alone. It is also a good grain and grass farm, with good wired pastures. One good nice residence all complete, nearly new. One good tenant house, good feed barn, five good tobacco barns and good basement for ordering and handling of tobacco, and other good out-buildings, and a good apple and peach orchard. This farm is well watered. I will sell cheap if sold by September 1, 1910.

Anyone wanting to buy can call on Mr. Wm. Darnell who lives on the place and he will show you lines and make price known. This Aug. 16, 1910. W. A. LEWIS, Kernersville, N. C., Route 4. 24 a 2 w

**For Sale.**

Farm on Town Fork Creek, Stokes county, 246 acres, 1 1/2 miles west of Walnut Cove, and 3 1/2 miles east of Germanton. Seventy-five acres of said place bottom land, 75 acres table land. In fine state of cultivation, and about 96 acres in wood. Said place is known as the W. A. Estes tract of land. This is a very valuable tract of land. The only reason that I would think of selling said tract of land is that I live in Texas and cannot give it the proper attention.

For further particulars apply to J. F. Estes or Jesse H. Prather, Mt. Airy, N. C. J. F. ESTES.

**Most Anything You Want.**

Reporter readers' attention is directed to the advertisement in this issue of the Walnut Cove Mercantile Co. This store carries most anything the people use and it is worth your while to scan the list of things offered now at greatly reduced prices.

**'B' is for BLISS.**  
Bliss stands for best—best family medicine.  
Bliss Native Herbs strikes at the root of disease by purifying the blood.  
It restores wasted tissues; strengthens every organ.  
A tablet at night; next morning feeling bright.  
Faithfully used will banish Rheumatism, Constipation, Dyspepsia, Kidney and Liver Disorders.  
Be sure you secure the genuine Bliss Native Herbs—in a yellow box bearing the portrait of Alonzo O. Bliss.  
200 tablets \$1.00. Money back if not satisfied.  
Ask the Bliss agent.

S. F. HALL, Agent, KING, N. C., Route No.

**KILL THE COUGH AND CURE THE LUNGS WITH DR. KING'S NEW DISCOVERY FOR COUGHS AND ALL THROAT AND LUNG TROUBLES. GUARANTEED SATISFACTORY OR MONEY REFUNDED.**

## HIS CHECK SAVED HIM A LAW-SUIT

We want you to know how one farmer's bank account was recently the means of saving him a law suit and probably a hundred dollars. This is the way he told us of the incident:

"There is a story connected with that check of mine which I told you not to cash last week. I bought a horse of a man some distance north of here with the understanding that the animal was sound. When he delivered the horse I gave him my check. It happened to be towards evening and he went back home instead of driving in to get the cash on it. I did not think much about the horse till the following morning while plowing. I soon discovered he was off in wind and it made me hot under the collar. I went right to the house and telephoned you not to honor the check if presented. Then I called up the man that tried to do me, and told him to come and get the horse. He kicked at first, but when I told him payment was stopped on the check he shut up. He took the horse back that night. Had I paid him the cash it would have probably cost me a law suit."

Moral--Pay your bills by check and be safe.

**THE BANK OF STOKES COUNTY**  
DANBURY WALNUT COVE

## Walnut Cove Roller Mills.

Are running on full time, six days out of every week, and making good flour and meal. We have a large custom grinding but want more, and we guarantee to please every one. So you people who are not in the habit of coming to us will please come and try us. If we don't please you come back and tell us. We sell flour, meal, chop, bran and corn and buy wheat.

Yours for more business,  
**JOHN R. LACKEY**  
WALNUT COVE, N. C.

## Four Per Cent. Paid Check Books Free

There may be banks with larger capital stock and bigger deposits--but big capital stock and deposits are not what constitute safety in a bank. It is conservative and safe loaning, and large proportionate cash reserve. This bank never loses a dollar on a loan, and always maintains a cash reserve sufficient to meet all legitimate demands.

## THE BANK OF STOKES COUNTY

THE NORTH CAROLINA College of Agriculture and Mechanic Arts.

The State's college for training industrial workers. Courses in Agriculture, Horticulture, Animal Husbandry and Dairying; in Civil, Electrical and Mechanical Engineering; in Cotton Milling and Dyeing; in Industrial Chemistry; and in Agricultural teaching. Entrance examinations at each county seat on the 14th of July.

D. H. HILL, President, West Raleigh, N. C.

**After The Grippe**  
"I am much pleased, to be able to write and thank you for what Cardui has done for me," writes Mrs. Sarah J. Gilliland, of Siler City, N. C.  
"Last February, I had the Grippe, which left me in bad shape. Before that, I had been bothered with female trouble, for ten years, and nothing seemed to cure it.  
"At last, I began to take Cardui. I have taken only three bottles, but it has done me more good than all the doctors or than any other medicine I ever took."

**Take CARDUI**  
The Woman's Tonic

For the after-effects of any serious illness, like the Grip, Cardui is the best tonic you can use. It builds strength, steadies the nerves, improves the appetite, regulates irregularities and helps bring back the natural glow of health.  
Cardui is your best friend, if you only knew it. Think of the thousands of ladies whom Cardui has helped! What could possibly prevent it from helping you? Remember you cannot get the benefit of the Cardui ingredients in any other medicine, for they are not for sale in any drug store except in the Cardui bottle. Try Cardui.  
Write to: Ladies' Advisory Dept., Chattanooga Medicine Co., Chattanooga, Tenn. For Special Instructions, and 64-page book, "Home Treatment for Women," sent free.