

# Our Farm Department

Devoted to the Interest of Those Who Till the Soil

CONDUCTED BY J. M. BEATY

## Improved Machinery.

The farmer is inclined to hang on to his old tools as long as they will do fairly decent work and without much reference to the cost of the work done, thus violating one of the first rules of success. The men who are running our successful manufacturing establishments are always on the lookout for improved machinery. Whenever they can find a machine which will turn out a unit of the thing manufactured at less cost than can be done with the old machines, they immediately get rid of the old and buy the new. What they are aiming at is economy of production and they will invest in whatever will economize in that line.

If the farmer is to succeed, he must pursue exactly the same policy. He is competing with the world and hence must produce a bushel of grain, a pound of live weight, or a ton of hay at the minimum of cost. Two of the main elements in the production are labor and machinery. The farmer must choose between investing money in labor-saving machinery. The farmer must choose between investing money in labor-saving machinery or in labor. Money paid out for labor is gone at once and never comes back to him again. The money paid out for an improved machine goes gradually while the machine lasts or its usefulness lasts. A boy who can handle four horses with a gang plow can do as much work as two men with four horses with the ordinary plow. The purchase of a gang plow, therefore, saves the cost of one man and his board. How long will it take a gang plow to pay for itself under this showing? The same rule applies in every other kind of machinery? We are not advocating or championing gang plows or any other tool. The point we insist on is that where a man can reduce the cost of a bushel of wheat or corn, or a ton of hay, by investing in improved machinery, he should do it at once. He should, however, be sure of it before he makes the change. Do not buy any new machine until you have tested it so thoroughly that you know just what you are doing. No man can afford to take any risks on this line.

Improved machinery necessarily requires improved labor, a man of higher ability, and this man will demand a higher price. There is the same difference between men that there is in machines. Our readers will all bear us out that in their past experience one hired hand has often been worth two others and at probably a difference of only \$5.00 per month in wages. We are quite sure that we can pick out hired hands on the farms of Iowa of whom their employers will say that they made them a large profit, and for every one we can pick out three or four, of whom their employers will testify that they have employed them at a loss. If improved machinery leads to the sifting out of hired men and relegating the poorest of them to some other business, it will in itself be a blessing of no mean proportions. There is a sentiment abroad that anybody can work on the farm or is fit to be a hired hand on the modern farm. They imagine there is no skill about it, that it is simply hard knocks and the exercises of muscle. This is a very great mistake. The model farmer, whether he farms himself or is employed by others, is a skilled laborer, and the employment of unskilled labor to do the work of a skilled laborer necessarily means loss to the employer.

Bear in mind that first-class machinery requires a first-class man to run it and that a first-class man earns first-class pay and should have it.—Wallace's Farmer.

If your digestion is bad the vital organ of your body are not fed and nourished as they should be. They grow weak and invite disease. Kodol Dyspepsia Cure digests what you eat, cures indigestion and all stomach troubles. You forget you have a stomach from the day you begin taking it. Sold by Hood Bros., Benson Drug Co., J. R. Ledbetter.

## Surface Cultivation of Corn.

Deep stirring of cornfield soils is never necessary. It is a positive injury to the plants after they have attained a height of eight or ten inches. At this stage of growth their root system becomes very complex and extensive, the moist soil to a depth of several inches containing a network of foraging rootlets which feed the plants. In dry seasons these rootlets are further from the surface than when the soil is abundantly supplied with moisture, but they are not in any event below the range of the cultivator shovels too commonly used.

Surface cultivation serves all the rational aims of tillage. It stirs the soil sufficiently to form a dust mulch, which aids in husbanding moisture, and destroys weeds. Moreover, the weeder or surface cultivator does this work without pruning the plant roots. Deep cultivation facilitates the escape of moisture, injures the roots and ridges the field. From every standpoint deep culture is fundamentally wrong and shallow or surface tillage scientifically correct. Such is the verdict of all recorded experimental work in which the two systems have been fairly tested.

Cultivation has more than the one object of eradicating weeds, which is no more important in growing corn than the aeration of the soil and conservation of moisture. Larger yields would be the result if corn-growers appreciated fully the threefold purpose of cultivation. If the maintenance of a surface dust mulch in their fields received as much attention as the extermination of weeds more profitable crops would be gathered. If the old-fashioned deep-running cultivator were abandoned and the surface-working implement adopted the wholesale destruction of corn plant roots would be avoided and an augmented yield would logically follow.

It is a common belief among growers of corn that in order to be effective the implement used in cultivating the crop must bring moist earth to the surface. To do this when the soil is markedly deficient in water, as it often is about the middle of July and during the month of August, requires excessively deep plowing. Determined to leave a black streak of moist dirt behind him as he cultivates from one side of the cornfield to the other the plowman sets his shovels so that they will stay out of sight, increasing his own work in handle or foot pressure, adding to the draft of the machine and, what is of far more consequence, tearing out a part of the root system of the corn plants.

When corn is laid by it is the rule in some parts of the country to throw dirt from the spaces between the rows toward and against the stalks, forming ridges which leave the field in very bad condition for subsequent use. Surface culture is best for corn from start to finish, but is especially appropriate as a finish. As it is easier on man and beast and enables the corn-grower to produce more bushels per acre than he could obtain from deep cultivation the system should be universally adopted.

Whether the season be wet or dry the man who surface-works his corn fields will grow more corn, other conditions being equal, than the farmer who cultivates his crop to a depth of from six to ten inches. Deep culture has long been practiced for no better reason than it covers up or smothers weeds which it does not uproot. But it does not occur to its advocates that while deep-running shovels kill and bury weeds they also injure the corn plants by cropping their roots. Weed destruction may be effected much more thoroughly by the use of cultivators which shave the entire surface between the rows of corn, severing weeds just below their crowns or uprooting them entirely. A fair trial of shallow cultivation will bear out all the statements made in its favor.—Breder's Gazette.

Caution is the opening of the eyes, suspicion the closing of the heart.

## Fruit Growing on the Farm.

The greater value of the fruit growing to the farmer is not primarily in its commercial aspect, or how much money it will bring in, although the receipts from the sale of the surplus are not to be despised, it is rather the "health of good living" that comes from an abundant supply of all kinds of fruit that may be readily grown in the locality, so that all the year round the family may have all they can consume. There are fruit specialists, of course, just as there are specialists in other lines of farm industry, who make a handsome income out of the orchard and small fruit plantings. They like the work and therefore learn it easily and keep on learning until they are gray, and their knowledge becomes more valuable every year by accretion. Any young farmer who begins on a scale adapted to his home needs may grow into a specialist of this kind, but thousands never do. This is no reason why the thousands should not have all the fruit their families can use. Beginning with the most useful kinds and those most easily grown, the farmer can gradually surround himself with a good home orchard and small fruits of all kinds, that improve his living and reduce its cost, thus adding to his comfort and independence. We do not find it necessary to do much in the way of urging horticulture. Those who are already fitted for it know enough about it to determine for themselves whether or not they shall engage in it, while those who are not sufficiently informed must work their way to it, if at all, by beginning at the bottom of the ladder; and there is no better way to do this than by beginning with a few good trees in a home orchard, and small areas of small fruit for home use. We do urge this upon every farmer. If no cash income ever comes from it, it is still worth all the expense in time and money that it cost.—Selected.

Tiredout, worn out woman cannot sleep, eat or work; seems as if she would fly to pieces. Hollister's Rocky Mountain Tea makes strong nerves and rich blood. 35 cents, Tea or Tablets. A. H. Boyett, Selma Drug Co.

## A Card of Thanks.

We hereby return to the good people of Johnston, Wilson and Wayne counties our most heartfelt thanks for their kindness in helping us to regain a foot hold after having lost nearly all we had of earthly effects by being burned out of house and contents on the 2nd of last March. The people have been very kind indeed to us. Our hearts go out in grateful thanks to the many who gave. May God add his choice blessings to these faithful doers and may they be amply repaid.

Most humbly and truly,  
MR AND MRS. W. H. ETRIDGE,  
Princeton, N. C.

## TO CURE A COLD IN ONE DAY.

Take LAXATIVE BROMO QUININE TABLETS. All druggists refund the money if it fails to cure.

E. W. Grove's signature is on each box. 25c.

Many men are blaming their luck who ought to lay it on their lying lives.

## Sued By His Doctor.

"A doctor here has sued me for \$12.50 which I claimed was excessive for a case of cholera morbus," says R. White, of Coachella, Cal. "At the trial he praised his medical skill and medicine. I asked him if it was not Chamberlain's Colic, Cholera and Diarrhoea Remedy he used as I had good reason to believe it was, and he would not say under oath that it was not." No doctor could use a better remedy than this in a case of cholera morbus, it never fails. Sold by A. H. Boyett, Smithfield, Selma Drug Co., J. W. Benson.

## Indigestion Causes Catarrh of the Stomach.

For many years it has been supposed that Catarrh of the Stomach caused indigestion and dyspepsia, but the truth is exactly the opposite. Indigestion causes catarrh. Repeated attacks of indigestion inflame the mucous membranes lining the stomach and exposes the nerves of the stomach, thus causing the glands to secrete mucus instead of the juices of natural digestion. This is called Catarrh of the Stomach.

## Kodol Dyspepsia Cure

relieves all inflammation of the mucous membranes lining the stomach, protects the nerves, and cures bad breath, sour risings, a sense of fullness after eating, indigestion, dyspepsia and all stomach troubles.

## Kodol Digests What You Eat

Make the Stomach Sweet. Bottles only. Regular size, \$1.00, holding 2 1/2 times the trial size, which sells for 50 cents. Prepared by E. C. DeWITT & CO., Chicago, Ill.



## ON THE FARM.

There's many a successful business man who sits in his city office and lets his mind slip back to his boyhood days on the farm. How good it felt to live! What an appetite he had! How good everything tasted! How sound his sleep was! How eagerly he rose with the sun and raced with him through the long day. And now he's a successful man. But he can't sleep. He doesn't enjoy his food. His stomach is weak, his nerves are shaken, and he no more rises with the sun to race eagerly against him. His vitality is low and now and again his heart seems to plunge in his breast as if it would break loose. That's the price he has paid for success.

The mischief of the whole business is that he buys "tablets" of one sort or another to "aid" his digestion, and indulges in bromides and other nerve stimulants, just to hold himself together, and wonders why he seems to be getting worse.

The whole trouble with such a man generally lies in what is called a "weak" stomach. The food he eats does not nourish him because it is only partially digested and assimilated. No man can be stronger than his stomach, because it is in the stomach and allied organs of digestion and nutrition that strength is made from the food which is eaten.

Dr. Pierce's Golden Medical Discovery cures diseases of the stomach and other organs of digestion and nutrition. It restores the strength of the body in the only way strength can be restored, by food which is perfectly digested and assimilated, when the diseased stomach (with its allied organs) is cured of disease. It is a blood-making, body-building medicine, inasmuch as blood is made from food and the body is built up by blood. It is not a stimulant, containing neither alcohol or any other narcotic.

## NO OTHER DOCTOR FOR ME.

"Last spring, early, I wrote you my feelings and condition," says Mr. A. J. Vandewater, 573 West Division Street, Chicago, Ill. "and you advised me to take Dr. Pierce's Golden Medical Discovery (a few bottles), and then write you how I felt. I am happy to say I am getting to feel fine. In all I have taken six bottles of the 'Discovery' and four or five vials of the little 'Pellets.' They have done me worlds of good. All my friends say: 'Vandewater, how well you are looking. What in the world have you been doing?' I tell them I have been doctoring with Dr. R. V. Pierce, of Buffalo, N. Y. 'Why they say, 'you haven't been there?' No, I say, 'but I look like it.' 'Golden Medical Discovery' and his little 'Pellets.' These medicines have wrought the great change in me. From a slow motion of a man that could hardly crawl, tired and sick all the time, and could do no work; to a man who can work, sleep, eat, and feel fine, and that tired feeling is all going away. I am very thankful that I wrote to Dr. Pierce. His 'Golden Medical Discovery' and his little 'Pellets' have almost made a new man of me. I feel young as I did at thirty years. No other doctor for me, only Dr. Pierce."

## HAD GIVEN UP HOPE.

"I will express my thanks to you for the kindly advice you have given me in regard to my case," writes Miss Carrie J. Wharton, of Durbin, Spottsylvania Co., Virginia. "When I wrote to you last spring I was in a terrible state of health. Had given up all hope of ever being better. I spit up my food all the time and it seemed sour as vinegar. I would have a bad sick headache every other week; in fact, my head never felt clear, and I was perfectly broken down under the strain of losing my food constantly. I had read a great deal in your books of what your medicine had done for others, so I wrote you and got your advice. Bought two bottles of 'Golden Medical Discovery' and the first dose I took I felt better. When I had finished taking the two bottles the spitting up had entirely stopped and my head was much better. I believe your medicines are just what you have said of them."

"I carefully read the books you sent me and always speak a good word for the 'Golden Medical Discovery' whenever I have a chance. You can publish this if you think it worth while. It might induce some one else to try your medicine who was suffering as I did. It was by the testimonials of others that I was induced to try it. I shall always rely upon your advice and feel safe to do as you tell me."

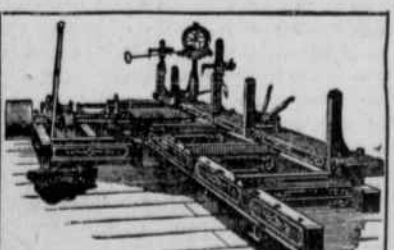
Dr. Pierce's Pleasant Pellets cure constipation, its causes and consequences.

You can find at W. G. Yelvington's store all the low cut shoes you are looking for, prices to suit all, and size from the smallest to the largest.

## LADIES



Safe, Quick, Reliable Regulator Superior to other remedies sold at high prices. Cure guaranteed. Successfully used by over 200,000 Women. Price, 25 Cents, Druggists or by mail. Testimonials & booklet free. Dr. LaFranco, Philadelphia, Pa.



THE HEGE LOG BEAM SAW MILL WITH HEACOCK-KING FEED WORKS ENGINES AND BOILERS, WOODWORKING MACHINERY, COTTON GINNING, BRICK-MAKING AND SHINGLE AND LATH MACHINERY, CORN MILLS, ETC., ETC. GIBBS MACHINERY CO., Columbia, S. C. THE GIBBS SHINGLE MACHINE

Kennedy's Laxative Honey and Tar Cures all Coughs, and expels Colds from the system by gently moving the bowels.

\$10.00 to \$250.0 Will Furnish Your Room

## Specialties

Matting 15c to 35c per Yard  
Felt Mattresses for Summer

Our line of Wardrobes, Chiffoniers, Sideboards, Wash Stands and rockers has been replenished A few nice Toilet Sets must go cheap. Special attention given to mail orders and installment sales.

Smithfield Furniture Co.,  
Smithfield, N. C.

## YOUR PHOTOGRAPH Enlarged in Genuine Oil-Painting Free

Stop at our Store and ask about it, or drop us a postal card and get full information. We sell anything you want in General Merchandise. Cheap as anybody and cheaper than some. Write us.

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CLAYTON, North Carolina.

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New Hardware  
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Best Selected Stock Ever Brought to this Section.

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O. K. Stoves, "The World's Best," bought in Car Lots and sold at Cut Prices. Mill Supplies, Rubber, Leather and Gandy Belting, our specialties. We are here to stay. Will not be undersold. See us, will save you money.

BARNES & HOLLIDAY,  
DUNN, N. C. BENSON, N. C.

## Free! ONE 10-CENT PLUG OF RED MEAT TOBACCO

To any chewer of Tobacco who will cut out this advertisement and mail it to us within five days from the date of this paper, we will mail him a card which will entitle him to one 10-cent plug of

RED MEAT TOBACCO

Free! At any store handling this brand. Write name and address plainly on lines below.

NAME \_\_\_\_\_  
Address \_\_\_\_\_  
THE SMITHFIELD HERALD, June 30th, 1905

Bring your cotton to The Austin-Stephenson Co. as they need it and will give you top of market for it. We pay interest on time deposits. Bank of Smithfield, C. V. Johnson, Cashier.