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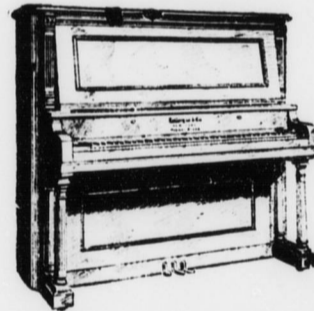
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The Cultivation of Corn.

Successful corn culture depends as much upon the "know how" as does success in any other business. Of course, a deep, humus-filled soil is the first consideration, but much depends upon the cultivation given the corn after it is up. The farmer who understands and practices the best principles of corn growing, who knows the root-system, the movements of soil moisture and the uses of soil mulches, will make a good corn crop in spite of adverse seasons of rainfall and drought. The one who does not understand these things attributes his failures to the wet weather, the dry weather, the hot weather, the cold weather, or something else the effects of which he should be able to obviate. In the Farm Demonstration Work last season some big crops of corn were made where no rain fell from the time the corn was planted till it was mature. Yet the yield of corn in this country are more dependent upon rainfall during the growing season than upon any one thing else. This should not be.

But let us see that we understand what proper cultivation does. Every good farmer knows that cultivation is to save the moisture, to destroy germinating weed seeds, to liberate plant food and to warm and aerate the soil. If the first two are accomplished the others are too. The successful farmer never allows his soil to become crusted over because he knows that it is then losing moisture. To prevent this crusting also destroy weed and grass seed that may be coming up in the soil. So we see that all that is necessary is to cultivate often enough to keep the soil loose on top. One of the Experiment Stations has found that during very dry hot weather a single corn stalk will take from the soil and evaporate as much as ten pints of water in one day. It requires about 300 pounds of water to produce one pound of dry matter. So we learn that corn is a crop that requires immense amounts of moisture. Yet, throughout this section, we

have sufficient rainfall every year to produce two or three corn crops on all our land. The wise farmer is he who has learned how to catch the rainfall and keep it in the soil until it is needed.

As to depth of cultivation, we must remember that corn belongs to the grass family and therefore has a fine, fibrous, extensive root system. By the time corn is a foot high the roots may be lapping between the rows. The roots grow outward through the soil from two to four times as fast as the stalks grow upward. To destroy these roots in cultivating is to cut off the feeding powers of the corn. It very often happens that the soil needs a rather deep stirring while the corn is small and before the roots get out far. If this is the case, it should be given, but care must be taken not to cultivate deeply later. The Indiana Experiment Station has shown that corn cultivated about two inches deep yielded 42.36 bushels; that cultivated four inches deep yielded only 37.92 bushels. Another station found that shallow cultivation yielded 81.8 bushels per acre, but deep cultivation gave 74.1 bushels.

As to the number of times to cultivate corn, this will depend upon conditions. The thing to keep in mind is to keep a mulch on the surface until the corn has fully tasseled. In many cases it will pay to cultivate until some of the "silks" begin to turn brown. If it is a critical time with corn when it is maturing the grain. It should not be neglected then.

C. R. HUDSON,
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Old men and women feel the need of a laxative more than young folks, but it must be safe and harmless and one which will not cause pain. Dr. King's New Life Pills are especially good for the aged, for the act promptly and easily. Price 25c. Recommended by all druggists.

Register Deeds J. G. Morefield issued licenses here Saturday for the marriage of Mr. Claude Hutchenson and Miss Clara Tilley. Miss Tilley recently sued Mr. Hutchenson for seduction.

Extremely low fares to Gettysburg, Pa., and return via Southern Railway account Fifteenth Anniversary Battle of Gettysburg and Reunion of the Blue and the Gray, July 1-4, 1913.

Tickets for this occasion will be on sale June 28, 29 and 30 and July 1st, with final return limit July 10th, prior to midnight of which date return trip must be completed.
Following round trip fares will apply from stations named:

Charlotte	\$13.45
Concord	12.50
Salisbury	11.40
Lexington	10.50
High Point	10.50
Greensboro	10.05
North Wilkesboro	13.15
Mount Airy	11.65
Winston-Salem	10.05
Statesville	12.70
Mooresville	12.80
Hickory	13.70
Morganton	14.15
Gastonia	13.90

Fares from all other points on same basis. Special train will be operated from Charlotte Sunday, June 30th, leaving about 9:00 p. m. via Washington, arriving Gettysburg about noon June 30th. This train will consist of both day coaches and Pullman sleeping cars, and passengers from branch line points can use regular trains, connecting with special train at junction points. Reservations should be made in advance.

Stop overs will be allowed at Washington and Baltimore and also at all points on Southern Railway where there are agents on either going or return trip, on both, within final limit of ticket.

For further information apply to any agent Southern Railway or

R. H. DeBUTTS,
Division Passenger Agent, Charlotte, N. C.

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It is dissolved in water—plain water. There is no need of any other liquid. It is simple to use and does not harm the plant or the fruit.

Write for "Red Devil Lye" which will give you the germicidal and best spraying compound for all kinds of fruit and vegetables.

RED DEVIL LYE comes in big 40 lb. cans and a case of 4 dozen for \$1.00. Write for a free trial of Red Devil Lye. If you wish to order a case at once, please write to order a case at once.

Use it in any amount, making lye handling simple and cleaning. Write for our new "RED DEVIL LYE" today.

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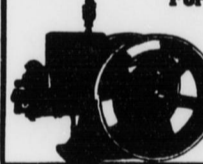
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The Best Emergency Remedy for Farmers, Stock-raisers and Household. Speedily relieves Sprains, Swellings, Harness Sores and Galls, Shoelace Sores, Strains and Lameness in Horses, Aged Udder and Sore Teats in Cattle and Ailments of Poultry.

SAFE AND SURE.

Being made of oils it soaks down straight to the bone, banishes pain and saves suffering. Only oil liniments can soak through muscle an issue. Alcohol liniments evaporate before they can be absorbed by the flesh besides they are dangerous when used near a fire or lamp. Mexican Mustang Liniment will not burn even though a lighted match is applied. Mexican Mustang Liniment is THE SAFE as well as the CURE-TO-CURE remedy.

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GREENSBORO, G. As long ago as I can remember I have known of Mustang Liniment. I always keep it in my house and if any of my family get injured in any way, such as sprains, cuts, bruises, and, in fact, in many accidents that happen I always use Mustang Liniment. On my horses and stock I never think of using anything else—it is cheaper than doctors' bills. I commend it to all farmers; it will keep the families and also their horses and stock in condition. Very truly yours,
J. D. ANDREWS, farmer.

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