

INTERESTING OLD DOCUMENT

Contract for Bridge and Abutment Over Deep River, Built at Franklinville, in 1847.

SAMPLING OF SOILS FOR LABORATORY EXAMINATIONS

To plan intelligently any system of fertilizer applications, it is necessary to know something about the soil as well as the crop.

CHICKENS AND GARDENS

The time is at hand when a man of the household goeth forth with a spade, a hoe and a rake and maketh a garden in his back yard;

TOLD THERE WAS NO CURE FOR HIM

"After suffering for over twenty years with indigestion and having some of the best doctors here tell me there was no cure for me, I think it only right to tell you for the sake of other sufferers as well your own satisfaction that a 25-cent bottle of Chamberlain's Tablets not only relieved me but cured me within two months."

A dozen bandits held up a fast freight train at Sanburn, New York, one day last week, and sped away in automobiles trucks with a vast quantity of dry goods they had taken from the cars.

feet long and of the same thickness and height of the other abutment and built in the same manner, the sides of the abutment next to the river to be built of large and strong rock; the abutment on the east side where the frame comes on it to be level with the middle pier, the other end level with bank of the race; the west abutment next to the frame to be level with the other two and the end to be three feet the highest where it strikes the hill, and the whole to be completed by the first day of January, next.

And the said Thomas Rice hath entered into bond with approved security to execute said job agreeably to the foregoing specifications.

The undersigned obligate and bond themselves to said Rice that whenever he shall have completed said job and shall obtain an order from the County Court of Randolph County on the County Trustee for the payment of one-half of said bid, \$349, we will pay him the other half thereof.

PLAN FOR A SMALL BACKYARD GARDEN FOR THE SOUTH

Washington, D. C., April 20.—A small back-yard garden, 75 feet long and 50 feet wide, particularly suited for gardeners in Southern cities, has been planned by the United States Department of Agriculture's specialists.

- Lettuce, radishes, followed by celery. Onions, followed by celery. Carrots, followed by kale. Beets, followed by kale. Peas, early varieties, followed by fall cabbage. Peas, late varieties, followed by fall cabbage. Beans, followed by fall potatoes. Cabbage, followed by fall potatoes. Cauliflower, Kohlrabi, followed by fall potatoes. Tomatoes, followed by spinach. Eggplants, peppers, followed by spinach. Cucumbers, followed by turnips. Muskmelons, or squash, followed by turnips. Early potatoes, followed by fall beans.

The next two rows are devoted to parsnips, to be followed later by celery, and the next two rows are devoted to carrots, to be followed in the autumn by kale. The next three rows are to be devoted to garden beets sown in succession and followed in the autumn by a crop of kale.

The next two rows, which are three feet apart, are to be devoted to early varieties of peas, the first sown about a week before the second row and after the crops are removed the land is to be devoted to autumn cabbage. Two additional rows are to be sown to late peas planted in the same order as the first and also followed by autumn cabbage. The pea patch adjoins three rows devoted to beans, which are to be followed by autumn potatoes.

The next row is devoted to cauliflower or kohlrabi, to be followed in the autumn by potatoes. The next two rows are devoted to cabbage, followed in the autumn by potatoes. The next row is devoted to cauliflower or kohlrabi, to be followed in the autumn by potatoes.

The next row is eight feet from the cucumbers and is devoted to muskmelons or squashes, followed by turnips in the autumn. The next two rows are devoted to early potatoes, followed by autumn sown beans, and the next three rows are given over to sweet corn, planted one row each week after the proper season for planting has arrived and to be followed in the autumn by peas.

Where the distance between the rows is less than two feet, hand cultivation with a wheel hoe is contemplated. If a hand cultivator or wheel hoe is not available, the rows should be at least two feet apart to give sufficient space for the horse cultivator. Straight lines should be followed no matter what method of cultivation is used.

Of course, the plan is only suggestive, and each grower will have to devise additional plans to suit his own conditions. Among the things that particularly must be considered in each specific case is the location of the garden. In this connection the question of proximity to the house should be given first consideration. As the work of caring for the garden is usually done in spare time, the location selected should be as near the house as possible. The slope and type of ground should be the next considerations. A slope to the south or south-east is usually preferable, because here the soil warms up early in the spring, which permits early planting and stimulates the early growth of crops.

Good drainage is of prime importance. The land should have sufficient fall to drain off surplus water during heavy rains, but the fall should not be so great as to wash the soil. If the land near the house is level, artificial drainage should be employed. Open ditches or tile drains will be satisfactory. On level land that is not artificially drained, it is necessary to plant on ridges or in beds to prevent drowning the crops during wet weather. The ridges or beds should be as wide and

THE FARMER'S WIFE

A discussion of the condition of the farmer's wife, contained in some 2,500 letters received by the Federal Department of Agriculture, is one of the most interesting topics of the time.

It takes a high order of intelligence in a woman to make a successful manager of a farmhouse, and where that intelligence is to be found, conditions are generally good, or at any rate not very bad, and they are improving.

Succession of Crops

In planning the location of crops, consideration should be given to the matter of succession, in order that the land may be occupied as large a part of the time as possible.

Rotation of crops is as important in growing vegetables as in growing field crops, and the same principles can be applied. Crop rotation is important in checking diseases and insects and in keeping the soil in good condition.

Both the plan for the small backyard garden given herewith and a plan for a half-acre garden previously described in this series, are shown in the new Farmers' Bulletin (No. 647) entitled, "The Home Garden in the South," which can be had by applying to the United States Department of Agriculture, Washington, D. C.

HELPS FOR HOME-MAKERS

Reduce High Cost of Living With a Garden all Year 'Round Edited by the Extension Department of the State Normal and Industrial College.

"Two Heads are Better Than One, Even if One is a Cabbage Head."

The gardener believes this and encourages the cabbage even though it is proverbially stupid.

A Parasol For Each Little Cabbage Plant

should be furnished if the sun shines bright before they have had a chance to take root and become acclimated.

The cabbage requires a cool climate, for this reason in the eastern part of North Carolina they grow cabbage only during the winter and the cooler portions of the spring and fall.

Plants should be set in rows, two feet apart with plants one foot apart in the row.

Hard Headed Individuals.

are desirable in cabbage. The object is to make them as hard and firm as possible.

Give Special Diet to Avoid "Soft Heads" and "Loose Individuals"

An abundance of Phosphoric Acid and Potash seems to make the heads hard and firm in texture, while too much Nitrogen makes such a rapid leaf growth that the heads are soft and loose.

Advice to Cabbage Nurses, Care and Sanitation.

See that the cabbage keeps its "head cool," and its feet warm, and give it a rich understanding. Plant in well drained, loose, rich soil.

Dress in Sailor Collar to Avoid Worms

Advices a Guilford County Home-maker

I have a neighbor who is a practical home-maker and considers the garden a big part of the home. She has had successful experience in making both city and country gardens.

Other North Carolina Home-makers Please write us of practical and pleasant garden experiences, and ask questions, too.

Cut worms are apt to cut down the tender cabbage plants when you set them out. To avoid this, make a collar of a piece of paper, 5 in. or more square; fold, cut a hole in center for neck, slit down front; lap over front when fitted around cabbage.

A Choker Collar.

When I was a lad we used to put on a choker collar—a tube of stiff paper pushed down in the ground.

HEALTH NOTES

One dollar spent on the prevention of disease will bring bigger dividends to any town than ten dollars spent on relief or cure.

If Asheboro would be attractive to visitors and a healthful place for our home people, no food should be exposed to flies in its grocery stores, food-shops and market; its hotels, cafes, and restaurants should not be swarming with flies and its streets and vacant lots should never be seen littered with trash and unsightly objects.

That we have had our annual clean-up week does not indicate that our town will remain clean for a year and that there's no more cleaning up to be done.

We can have the Health Exhibit of the State Board of Health come to our town by simply paying the transportation charges.

If we tolerate unclean stables, open-back privies and garbage piles in our town this summer, we may expect no other than to lose a number of our babies from diarrhoeal diseases or summer complaint and a number of our boys and girls, men and women as well, from typhoid fever.

YOUR CHILD'S COUGH IS A CALL FOR HELP

Don't put off treating your Child's Cough. It not only saps their strength but often leads to more serious ailments. Why risk? You don't have to.

SPRAYING DON'TS

- 1. Don't use Paris green without adding at least an equal amount of lime; twice as much lime is even better. 2. Don't spray carelessly; every part of every plant should be covered by the spraying liquid. 3. Don't waste the spraying mixture by allowing it to come out of the nozzle in a stream. A fine mist is much better. 4. Don't spray until you know just what you are doing. Follow directions carefully. 5. Don't spray while it is raining or while it looks like rain. 6. Don't neglect to keep the spraying mixture well mixed all the time. 7. Don't forget to wash out all parts of the pump, hose and nozzle, when you are through spraying. 8. Don't leave the spray pump out of doors. If taken care of it will last a lifetime.—Progressive Farmer.

RHEUMATISM YIELDS QUICKLY TO SLOAN'S

You can't prevent an attack of Rheumatism from coming on, but you can stop it almost immediately. Sloan's Liniment gently applied to the sore joint or muscle penetrates in a few minutes to the inflamed spot that causes the pain. It soothes the hot, tender, swollen feeling, and in a very short time brings a relief that is almost unbelievable until you experience it.

The Supreme Court of North Carolina has sustained the validity of the act of the last Legislature, creating a special road board for Davidson county and authorizing the issuance of \$300,000 in bonds for the construction and maintenance of public roads.

IT ISN'T FAIR TO THE HUMAN STOMACH AND THE REQUIREMENTS OF THE HUMAN SYSTEM.

Cabbage is done an injustice when it is always cooked in the same way over and over again. Cook it after some of Miss Jamison's recipes. She can give you others besides those in her articles. Just limited for space. Write to her for

More Cabbage Recipes. There's cabbage boiled, and cabbage steamed, Cabbage baked and cabbage creamed, Ladies' cabbage, cabbage fried, Slaw, and Sourcrot—Dutchman's Pride.