

AGRICULTURE.



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THE CULTIVATION OF CORN.

The best mode of proceeding in relation to corn is to plow very deeply in the first instance, preparatory to the reception of the seed, and to keep the surface soil light and loose in the after-culture. Everybody knows that while corn strikes its roots to a great depth, whenever the nature of the soil will admit of so doing, its lateral roots spread out in a perfect net-work between the rows. Now, the most serious matter to be guarded against in raising corn are the droughts that prevail frequently at or about mid summer, and washing rains when the corn is planted on slopes and hillsides. Deep plowing protects the plant in a very great degree from the effects of drought, by stirring up moisture below the point of rapid evaporation. In the case of heavy rains it has also the advantage of permitting the water to percolate through the soil instead of holding it in solution, as is the case with shallow plowing on an under soil, which by constant and slovenly practice becomes of the nature of hardpan. If, then, the soil has been deeply stirred in the first instance, surface tillage is the only thing needed in the after-culture.—We most decidedly object to plowing or cultivating the land to a considerable depth after the growth of the corn is well advanced, because this cannot be done without inflicting serious injury to the great mass of fibrous roots which extend laterally but a few inches below the surface, and which are constantly extending themselves in search of fresh food throughout the whole period of growth. The after-culture should in no instance be of nature to interfere with the free ramification of these delicate roots, for by lacrating them we cut off just so many mouths as we cut off fibres, and thus deprive the plant of that amount of nutriment which these mouths would otherwise have furnished. The rule, then, is deep and thorough plowing before planting, tolerably deep cultivation before the roots begin to extend to any great distance from the stalk, and shallow stirring subsequently. It is customary with some farmers to run a light harrow over the corn as the tender blade makes its appearance above the surface, and the practice is a good one in loams and in all soils of a light texture. But where the soil contains a preponderance of clay, and is apt to bake or form a crust after a rain, the danger is that in breaking up the clod the young shoot will suffer injury. In such cases it is much better to use the hoe in loosening the compact earth about the place, and to let the shovel plow and the cultivator loosen the intervals between the roots both ways. Frequently stirring of the soil is absolutely necessary from the time the plant appears above ground until harvest suspends, perhaps temporarily, perhaps entirely, the work of after-culture.

PRESERVING THE PEACH.

After several years' trial, I am confident that the application of fine brimstone (flour of sulphur) to the base of the tree will preserve it, first moving away the earth about three inches deep, and destroying the worm, if there be any, applying a small or large handful, according to the size of the tree, and replacing the earth. This may be done every year, or once in two years. This I accidentally discovered moving the earth from a peach tree 6 or 8 inches in diameter, much injured by the worms, the bark all off, and the wood badly eaten away. Having a jar of sulphur by me I emptied the contents, from half a pound to a pound, in the opening made around the tree, to clean out the worms.—The earth was replaced, with slim hopes of the tree recovering; but during the summer the foliage assumed a deep rich green, and the tree grew finely. On removing the earth in the following spring, no trace of the worm was visible.— Horticulturist.

CUTTING AND CURING HAY.—Let this rule be ever borne in mind, that clover should be cut as soon as one-half of the heads have turned down, and the grasses generally immediately after flowing.

CHERRY JAM—Stone four pounds of cherries, and put them in a preserving pan, with two pounds of fine white sugar and a pint of red currant-juice; boil the whole together rather fast, until it stiffens, and then put it into pots for use.

JUMBLES.—Eight eggs, three pounds of flour, two pounds of sugar, one pound of butter; beat the butter to a cream, then add the sugar, then the eggs, well beaten and lastly the flour to be made into a dough, and cut out in cakes.

NOTICE.

All persons knowing themselves indebted to the undersigned are hereby notified that all accounts must be settled up on or before the 15th day of June, 1862, or at the option of the undersigned on the 15th of June, 1862, or at the option of the undersigned on the 15th of June, 1862, or at the option of the undersigned on the 15th of June, 1862.

CHEAP MILITARY CAPS!

MILITARY CAPS of every size and quality, for sale cheap at the Bloomsburg Hat & Cap Emporium. Also—Goggles, Confectionery, &c. &c. &c. J. H. JACOBY, Proprietor.

List of Dealers in Columbia County, FOR THE YEAR 1862.

Table listing various dealers and their products in Columbia County for 1862. Includes names like Bloomsburg Iron Co., McKelvey, Neal & Co., etc.

IMPORTANT NATIONAL WORKS.

Published by D. APPLETON & CO. 413 and 415 Broadway, New York.

THE AMERICAN CYCLOPEDIA: A Popular Dictionary of General Knowledge. Edited by George Ripley and Charles A. Dana, aided by a numerous and select corps of writers and illustrators. Art and Literature. This work is published in about 15 large octavo volumes, each containing 250 two-column pages. Vols. 1 to 111 inclusive are now ready, each containing near 2,000 original articles. An additional volume will be published about the middle of the year. Price, in cloth, \$1.50; half bound, \$1.00; paper, 75 cents.

THE AMERICAN CYCLOPEDIA is popular with those who are desirous of general knowledge. It is a complete and accurate encyclopedia, and is a complete statement of all that is known upon every important subject with the scope of human intelligence. Every important article is in a form especially adapted for the use of the general reader. It is a complete and accurate statement of all that is known upon every important subject with the scope of human intelligence. Every important article is in a form especially adapted for the use of the general reader.

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Philadelphia & Reading Railroad.

WINTER ARRANGEMENT. PASSENGER TRAINS. NOVEMBER 1, 1861. Down to Philadelphia, at 6:30 A.M. and 12 M. and 4 P.M.

WEST TO LEBANON AND HARRISBURG: Western Express from New York, at 107 A.M. Mail Train, at 10:55 A.M. and 5:45 P.M. On Saturdays, at 10:30 A.M. and 5:45 P.M. On Sundays, at 10:30 A.M. and 5:45 P.M.

COMMUTATION TICKETS. With 25 Cents, 25 per cent discount, between any points desired. MILEAGE TICKETS. Good for 200 miles, between all points, at \$15—for Passengers, and \$10—for Freight. For the latter only, for the month of January, in any Passenger Train to Philadelphia, at 40 cents. Second Season Ticket, at 75 cents.

Leaving Reading, at 7:30 A.M. 10:30 A.M. 1:30 P.M. 4:30 P.M. 7:30 P.M. Arriving Philadelphia, at 10:30 A.M. 1:30 P.M. 4:30 P.M. 7:30 P.M. 10:30 P.M.

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This Institution, which was established in 1844, and is now one of the largest and most successful of its kind in the country, is now offering to its students a course of instruction in the various departments of Trade, Penmanship, Book-keeping, and Commercial Law, under the supervision of its President, J. H. CRITTENDEN, Esq., a distinguished and successful business man.

As an Expressive Accommodation, wide-spread reputation and the length of experience of the Institution, this Institution offers facilities superior to any other in the country, for young men wishing to prepare for business, and to obtain at the same time a course of instruction in the most useful and profitable branches of the mercantile art.

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