

# Agricultural Department.

## How to Fortify Against Drought.

There is almost certain to be a period before the crops are made that they will suffer from lack of moisture. Probably there never was a season that some of our crops at some time did not suffer because of lack of moisture.—When that time comes, and it may be during July, good judgment in cultivation means much to the crops. In fact, at such a time the method of cultivation may spell the difference between success and failure.

In these periods of lack of rain fall a flat surface with a top layer of loose soil, the so-called dust mulch, is the most favorable condition for preventing too rapid evaporation and affording the greatest possible supply of water to the plants under existing conditions. A three-inch mulch, or three inches of real, loose soil on top has been found best for saving soil moisture from evaporation. Early in the growth of the plant the three inch mulch may be maintained without serious injury to the roots, but as the plants grow many of them develop root systems that would be greatly injured by such deep cultivation, and in such condition there might not be roots enough left to properly supply the plants with water, although it had been saved in the soil by the method of cultivation.

As soon after each rain as possible, and whenever the crops are suffering from lack of moisture, the top surface should be broken. Merely cutting or scratching the surface or any method of cultivation which leaves an uneven surface increases rather than decreases evaporation. It is a dust or fine mulch over as near a level surface as possible that is needed to save the moisture in the soil for the use of the crop.

Do not neglect to break the top surface because the rain was a light one, for if the season be a dry one, and the rain-fall light, the soil may be drier and the crops suffer more a short time after a light rain than if no rain at all had occurred. This looks strange, but it is a fact experimentally proved. Do not, therefore, neglect to cultivate as soon after a rain as possible, especially if the crop is likely to suffer at any time this season from lack of moisture. This dust mulch on upper layers of loose soil particles should at first be three inches thick, but the depth of the cultivation may be gradually lessened until it is not over one and one-half inches.—The Progressive Farmer.

### Farmer Bitten by a Cat.

Salisbury special in Charlotte Observer: Calvin A. Jacobs, a Franklin township farmer, was severely wounded last night by a cat that made a savage attack upon him at his home. The flesh on one of his hands was torn to the bone but he does not believe the animal was mad. Mr. Jacobs did not succeed in killing the vicious feline.

## Horse Notes.

It never pays to get excited because a horse does. Hurry and worry kill more horses than hard work.

Always teach a horse to work double first and single afterwards.

Mares with young colts should have the best pastures obtainable.

Change the feed of the horses sufficiently often to make them relish it.

It is cheaper to take good care of horses than to employ a veterinary surgeon.

During the summer especially, overfat horses are in a worse condition than literally poor ones.

A growthy young horse may have the size, but it requires time to give it the stamina.

A colt should be trained to step off at a lively, vigorous walk, whether with a load or without one.

One advantage in fully developing and training young horses is in increasing the opportunity of selling them.

It is comparatively easy to add several years to the life of a horse by not abusing him when he is young.

Excessive growth is not favorable to early maturity, and the largest colt may be able to endure the least fatigue.

There is no better or cheaper place to develop a young horse and put him in proper shape for market than on the farm.

Hard work will not hurt the horses, if good care is given them. It is neglect that injures horses more than anything else.

It is not good policy to force the growth of colts by giving them stimulating foods and overfeeding them. The overgrown horse is seldom a durable one.

When farmers raise horses with a view to suiting those whom they must depend upon as purchasers, have undoubtedly been connected with the most paying business on the farm.

Although it may have the size, a colt is a colt for all that, and should be treated as such, and should not be expected to do as much work as a matured horse.

In training a colt develop all of the styles and actions there is in him, and you will have a horse that is a pleasure to drive, and when put on the market will command the best price.

Rubbing the mane and tail usually results from an unhealthy condition of the skin which, in most cases, is produced by neglect of grooming or by bad food, or by any sudden change of diet from bad to good.—Live Stock Journal.

### Long Live The King.

Is the popular cry throughout European countries; while in America, the cry of the present day is "Long live Dr. King's New Discovery, King of Throat and Lung Remedies!" of which Mrs. Julia Ryder Paine, Truro Mass., says: "It never fails to give immediate relief and to quickly cure a cough or cold." Mrs. Paine's opinion is shared by a majority of the inhabitants of this country. New Discovery cures weak lungs and sore throats after all other remedies have failed; and for coughs and colds it's only sure cure. Guaranteed by J. F. Mackey and Funderburk Pharmacy, Druggist, 50c and \$1.00. Trial bottle free.

## Making Graves Level.

Modern cemetery ideas that run contrary to deep seated sentiment usually create dissatisfaction when they are first introduced. Just now, says Park and Cemetery, the lot holders in Cedar Grove Cemetery, Brooklyn, N. Y., are agitated over the rule providing for the leveling of all grave mounds.

Many of the lot holders who are now paying for annual care of their lots object to a notice recently issued by the cemetery company to the effect that mounds on lots for which annual care is not paid would be levelled. Some resent it as "a mean outrage"

Other cemeteries have had similar experiences. In Lakewood Cemetery, Minneapolis, when a new law went into effect regarding the lowering of grave mounds there were many protests, but in less than a year when the changed appearance of the sections made apparent the marked improvement in the landscape by lowering the mounds to an almost imperceptible rise over the graves lot holders began requesting this treatment of their lots, and within a short period of time several thousand grave mounds had been lowered, the cost of annual care materially reduced and the general appearance of the grounds greatly improved.

## Unique Way of Keeping Accounts.

Extract from Editor Carpenter's letter, who is now in France, in Anderson Mail: While at San Remy our guide, Mr. Skinner, the American consul at Marseilles, carried us into a baker's shop and showed us a unique method of keeping accounts which is in vogue in many parts of France. The baker man will take a small limb of a tree and let it dry out with the bark on. Then he will split it in half and give one piece to the customer and keep the other half himself. He delivers at the homes every morning, and when he delivers a loaf he will take the customer's half of the stick and fit it to his own and then cut a notch across the split place. The notch will show on both halves, and when settling day comes there can be no dispute for all the notches must fit each. The baker cannot cheat the customer and the customer cannot cheat the baker. This seems a crude way of keeping accounts, but it is simple and insures accuracy, and this is, or should be, the aim of any system of account keeping.

### Couldn't Spell It.

Boss rushed in on a hot day and ordered Miss Steno to take a telegram direct. "Mr. James Carson, Boston, Mass. Will meet you in Rensselaer, N. Y., on Thursday." Miss Steno tapped a few keys, then looked up and asked, "How do you spell Rensselaer?" "Renes-Renne-Rennse—Oh, the dickens, tell him to meet me in Albany," stammered the boss.

### Quick relief for Asthma Sufferers.

Foley's Honey and Tar affords immediate relief to asthma sufferers in the worst stages and if taken in time will effect a cure. Funderburk Pharmacy.

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### Telegraph Operator Meets Awful Death.

Florence special in the News and Courier: Mr. Arthur W. Price, a young telegraph operator at Winona a small station nine miles east of Florence, had his body horribly mangled. Price had a train order to deliver to a passing freight and attempted to get aboard of the train while in motion. His foot slipped and he fell under the wheels of the cars, several of which passed over his legs and body. As soon as the train could be stopped the mangled form of the young man was taken out and a physician sent for, but death relieved him of his suffering in a short while. Both legs were cut off and his body terribly lacerated and torn.

### Over Million Die of Plague.

London, July. 18—Returns of deaths from plague in India show the appalling total of 1,060,067 for the six months ending June 30. The monthly total is at present decreasing, however, the death roll for June being placed at 69,064.

### A Wonderful Happening.

Port Byron, N. Y., has witnessed one of the most remarkable cases of healing ever recorded. Amos F. King, of that place says: "Backlen's Arnica Salve cured a sore on my leg with which I had suffered over 80 years. I am now eighty-five." Guaranteed to cure all sores, by J. F. Mackey and Funderburk Pharmacy Druggist 26c.

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Vacant scholarships of free tuition are offered through South Carolina Federation of Women's Clubs as follows: South Carolina Kindergarten association, one scholarship, free tuition, good for two years. Greenville College for Women, two scholarships of free tuition for four years each. These will be awarded by competitive examinations to be held Aug. 2, 1907. Applicants must file their names with the chairman of the department before July 20.—Students must be at least 15 years of age and prepared to enter freshman, or any higher class, and must inform the chairman which college she desires to enter. For further information apply to Miss Theodosia Dargan, Chairman Department Education S. C. F. W. C., Dalzell, S. C.