

FARM AND GARDEN.

OVERBURDENED FRUIT TREES.—Fruit trees whose limbs begin to bend with a load of fruit should be at once relieved of a part of their burden. A tree should never hang so full as to endanger it. The sooner the young fruit is picked off the better it will be for both the tree and the remaining fruit. Apples and peaches colour better and have a much better flavour if they do not hang too thick. Two apples ought never to touch.

STRAINING AFTER LARGE YIELDS.—Professor Arnold offers a caution against straining after excessively large yields of butter. The Jersey cow, he says, has been over-rated because the tendency of this animal to turn all it eats into the cream pot makes into butter what in some other breeds would go to tallow. It is, in fact, a naturally made oleomargarine.

ANTIDOTE FOR PARIS GREEN.—It is worth while for farmers who use Paris green to know that the best antidote to the poison is iron rust. There are preparations of iron in liquid form which should be kept in farmers' houses wherever this popular insect poison is used. Of course, the poison should be got from the stomach by emetics whenever possible.

EARLY PLOWING FOR FALL WHEAT.—The first object gained by early plowing, is time for the proper preparation of the seed-bed. All possible fertility should be made readily available. To be so, it should be soluble, and division aids solution. The ground becomes hard in July and August, and if plowing is delayed too long, the soil breaks up in hard lumps. If plowed early, it will turn up moist and fine. Rain and air are nature's two great disintegrating forces.

Seeds germinate quickly and plants grow rapidly in a firm seed-bed. The increase of insect enemies of wheat makes late sowing, coupled with rapid, vigorous growth, desirable. Hence the importance of a firm seed-bed, which also prevents much freezing out of the plants. To make the seed-bed firm, it must first be fine. It is not a hard soil, but compact, fine soil that is desired. It may be compact by the roller and harrow; but if the farmer, by early plowing, can gain the aid of a heavy rain, it will save him much labor, and it will do the work of preparing the soil far better than he can alone.

Another object gained by early plowing is the destruction of weeds. They are robbers of the wheat, and the sooner their growth is stopped by plowing, the less plant-food they will take from the soil. Early plowing will destroy them before they mature their seeds, and thus prevent perpetuating their kind. Late plowing admits of a large growth, and when this is turned under by the plow it is impossible to compact the seed-bed, and the green manure affords a harbor for enemies.

Early plowing admits of atmospheric fertilization. Whether it directly adds the elements of fertility to the soil or only frees and unlocks that which it already possesses, is immaterial. Plowing the land exposes a greater surface and permits of the easy passage of the air into the interior of the soil.—Am. Agriculturist.

FLAT CULTURE OF POTATOES.—Very careful experiments made in New York last season show that the flat culture of potatoes produces the finest tubers and the largest yields. The best results followed the Dutch method of planting, which consists in keeping the surface of the ground level, planting a single eye in a place, covering it six inches deep, and allowing but a single stalk to grow in a hill, which are a foot apart each way.

SAVING PIG MANURE.—The best way, says the National Live Stock Journal, to save the entire liquid and solid dropping from pigs, is to make a slatted floor over a shallow manure vault. If a layer of muck is placed in the bottom of the vault it will absorb all the liquid from the pigs, and this will prevent all bad odors. The pig is usually compelled to lie in his own filth, and this has given him a bad name.

These slats are placed one inch apart, and the liquid runs through into the vault, and the solid manure is trodden through, and the result is, that all the manure is saved and that the pigs are kept clean. The food is given in troughs, and not on the floor.

A HINT IN PRESERVING FODDER.—A correspondent of the Country Gentleman mentions the case of a man of his acquaintance who put down alternate layers of green corn (cutting and letting it wilt), and dry wheat straw, and when it was opened several months after he found that it had not only kept well, but that his horse ate both straw and corn with great relish. He will hereafter put up large quantities of green corn in this way. A similar system for putting up fodder in the barn in alternate layers is well worthy of trial.

French silk manufacturers are reported to be very hopeful as to the capabilities of a big spider lately discovered in Africa, which weaves a yellow web of great strength and elasticity.

It is sagaciously noted that to determine the value of building stone a rambler among the tombs is wise. In far fewer years than most imagine, monuments are in decay.

Mr. Wood's excavations at Ephesus from April to June have only produced a few fragments of sculpture from the pediment at the east end of the Temple of Diana. On resuming exploration in the autumn, he hopes to find valuable remains of the superstructure of the temple, and possibly more of the sculptured drums of columns.

Chinese priests have an odd way of imposing on the credulity of the pearl fishermen. They secure live pearl oysters and place in them flat leaden figures of Buddha. In time the images are sunk into the mother-of-pearl linings of the shell and beautifully coated with the lustrous substance. Years pass, perhaps, before they are discovered, but when opened, they are prized as special gifts of the god.

A SUPERIOR WHITEWASH.—For a useful lime wash for wood and stone the Journal of the Society of Chemical Industry gives the following method of preparation:—Twenty litres (say half a bushel) quicklime are slacked in a suitable vessel with as much hot water as will stand at a level of three inches above the lime. The milk or lime is diluted, and first half an ounce of sulphate of zinc and then a quarter of an ounce of common salt are added. The latter causes the lime wash to harden without cracking. A beautiful cream colour can be imparted to the mass by putting into it a quarter of an ounce of yellow ochre, or a pearly tint by the addition of some lamp black. A fawn colour is produced by a little umber and a quarter of an ounce of lamp black. A stone colour can be obtained from one ounce of umber and half an ounce of lamp black. The colour is applied, as usual, with a brush.

THE FATAL CRAMP.—A writer in the British Medical Journal calls attention to the frequent notices of death, by cramps, of bathers, and suggests some preventives—remedies are in these cases too late. He says that cramp is a painful and tonic muscular spasm. It may occur in any part of the body, but it is especially apt to occur in the lower extremities, and, in its milder forms, it is limited to a single muscle. Pain is severe, and the contracted muscles are hard and exquisitely tender. In a few minutes the spasm and pain cease, leaving a local sensation of fatigue and soreness. When cramp affects only one extremity, no swimmer or bather, endowed with average presence of mind, need drown; but when cramp seizes the whole of the voluntary muscular system, as it probably does in the worst cases, nothing, in the absence of prompt and efficient extraneous assistance, can save the individual from drowning. Its most powerful and most avoidable cause is the sudden immersion of the body, when its surface is highly heated, in water of a relatively low temperature.

HOUSEHOLD.

TIME-TABLE FOR BAKING BREAD, CAKE, ETC.—Bread, large loaves, an hour; small loaves from half to three-quarters of an hour.

Biscuit and rolls, in from fifteen to twenty minutes.

Brown bread, steamed, three hours.

Loaves of sponge-cake, forty-five minutes; if thin about thirty.

Loaves of richer cake, from forty-five minutes to an hour.

Fruit cake, about two hours, if in two or three pound loaves.

Small thin cakes and cookies, from ten to fifteen minutes. Watch carefully.

Baked puddings, rice, etc., one hour.

Boiled puddings, three hours.

Custards to be watched and tested after the first fifteen minutes.

Batter puddings, baked, forty-five minutes. Pie crust, about half an hour.—The Housekeeper's Year-Book.

An excellent wash to remove tan is made of sliced cucumbers soaked in milk, and apply nightly to the face. It should not be wiped off, but left to dry on the face. In the morning wash in lukewarm water, and let it be rain water, if possible.

OYSTERS AND MACARONI.—Break up finely 1/2 pound of macaroni, take one quart of oysters, and put a layer of them into a pudding dish; season with pepper and salt, or a little ground mace, if it is liked, or celery salt; scatter over the top bits of macaroni with bits of butter. Add another layer of oysters and macaroni and butter, and continue to do this, till the dish is full, giving plenty of salt and pepper, so as to season the macaroni. Boil the liquor that is drained from the oysters; add as much milk as there is oyster juice, and turn it over the top of the macaroni. Place in the oven, and cover the dish with a plate for 20 minutes. Remove it and bake another 20 minutes. The upper layer must be macaroni and butter. It is a good plan to soak the macaroni half an hour before using it.

COFFEE ICE CREAM.—This is a delicious dessert for hot weather. Pound two ounces of freshly roasted coffee in a mortar just enough to thoroughly crush the berries without reducing them to powder. Put them into a pint of milk with six ounces of loaf sugar; let it boil and then leave it to get cold; strain it on the yolks of six eggs in a double kettle, and stir on the fire till the custard thickens. Be sure that it does not curdle. When quite cold work into it a gill and a half of cream whipped to froth. Freeze the mixture in the ice-cream freezer, then fill a plain mould with it and put it in the freezer till the time of serving.

She was in the dimly-lighted reception room of a city dry-goods store, and, walking up to a tall mirror placed against the wall, remarked, "Why, how came you here?" Then, observing some surprise, not to say amusement, on the faces of the other occupants of the room, she saw her mistake and explained in great confusion, "I thought it was my sister; we're twins."

Joseph Millen, of Baltimore, whose wife went on the excursion which ended in the frightful accident on Monday, recognized her features at a glance among the victims on the wharf, further identified the body by a close inspection, and went home crushed with grief and horror. There he found Mrs. Millen in perfect health, to the utter bewilderment of his senses. She had returned to the city by an early boat and was at home when the accident occurred.

The following placard hangs up in a Tennessee store window:—Peppermint lile for Hed ake Bellee Toth

If you wish to know whether you are an honest man don't ask your mother, for she will be partial and blind, and don't ask yourself, for you are a very poor judge, but seek the candid opinion of the man to whom you have sold a horse, and you will surely get at the bottom facts of the case.

It is necessary to try to surpass one's self always; this occupation ought to last as long as life.—Queen Christiana.

EGGS ACTLY SO.—"Have you any fresh eggs?" "Yes, mum, plenty; them with the hen on them?" "Yes, mum, we always puts a hen on our fresh eggs to distinguish of 'em. Beg pardon, mum, don't think you understand. Hen the letter, not 'em the bird. Hen for new-laid, mum. Take a dozen, mum? Thank you!"—Fun.

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Made from the latest patterns and most fashionable designs. June 20.

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A large proportion of the diseases which cause human suffering result from derangement of the stomach, bowels, and liver. AYER'S CATHARTIC PILLS act directly upon these organs, and are especially designed to cure the diseases caused by their derangement, including Constipation, Indigestion, Dyspepsia, Headache, Dysentery, and a host of other ailments, for all of which they are a safe, sure, prompt, and pleasant remedy. The extensive use of these pills by eminent physicians in regular practice, shows unmistakably the estimation in which they are held by the medical profession.

These pills are compounded of vegetable substances only, and are absolutely free from opium or any other injurious ingredient. A Sufferer from Headache writes: "AYER'S PILLS are invaluable to me, and my constant companion. I have been a sufferer from Headache, and your PILLS are the only thing I could look to for relief. One dose will quickly move my bowels, and free my head from pain. They are the most effective and the easiest pills I have ever found. It is a pleasure to me to speak in their praise, and I always do so when occasion offers."

W. J. GATE, of W. L. Page & Bro., Franklin St., Richmond, Va., June 4, 1882. "I HAD USED AYER'S PILLS in numerous instances as recommended by you, and have never known them to fail to accomplish the desired result. We constantly keep them on hand at our home, and prize them as a pleasant, safe, and reliable family medicine. FOR DYSPEPSIA they are invaluable."

Mexico, Texas, June 17, 1882. THE REV. FRANCIS B. HARLOWE, writing from Atlanta, Ga., says: "For some years past I have been subject to constipation, from which, in spite of the use of medicinal remedies, I suffered increasing inconvenience, until some months ago I began taking AYER'S PILLS. They have entirely corrected the constive habit, and have vastly improved my general health."

AYER'S CATHARTIC PILLS correct irregularities of the bowels, stimulate the appetite and digestion, and by their prompt and thorough action give tone and vigor to the whole physical economy. PREPARED BY Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists.

YOUNG, OLD, AND MIDDLE-AGED. All experience the wonderful beneficial effects of Ayer's Sarsaparilla.

Children with Scars, Sore Ears, or any scrofulous or syphilitic taint, may be made healthy and strong by its use. Sold by all Druggists; \$1, six bottles for \$5.

Feb. 7. 1 y.

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JOHN HUBELEY, Proprietor.

COATS, Pants, Vests, Shawls, Sacques, Dresses, Cloaks, Curtains, Table Cloths, Cashmere Shawls, &c., Cleaned and Dyed to look like new.

Silk Ribbons, Scarves, Crape Shawls, Satin Neckties, &c., Dyed all Colours.

FEATHERS DYED AND CURLED. Gents Garments cleaned and pressed, Goods damaged by fire or water, faded or soiled, Cloths Dyed to look like new.

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\$100 will be paid for a case if will not cure or help of the following Diseases: Diphtheria and Rheumatism, Scalds, Chilblains, Galls, Boils, Sprains, Lumbago, Bronchitis, Burns, Toothache, Broken Breasts, Sore Nipples, Felons, Stings, Frost Bites, Bruises, old Sores, Wounds, Earache, Pain in the Side or Back, Contraction of the Muscles.

There is nothing like it when taken internally for Cramps, Colic, Croup, Colds, Coughs, Pleurisy, Hoarseness, and Sore Throat. It is perfectly harmless, and can be given according to directions without any injury whatever.

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Jan. 31.

TO DR. BENNET, 119 HOLLIS STREET, HALIFAX, N. S.

DEAR SIR,—I have received the greatest benefit a man could receive from one of your pads. I was nearly dead with

Dyspepsia.

The benefit I got I would not part with for a thousand dollars. It saved my life. I am 72 years old.

Aug. 8. MICHAEL BENTLEY.

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FALL TERM begins Sept. 11th, 1883. Six Professors besides a teacher of Elocution. Also a course of Lectures by gentlemen not belonging to the Faculty. For further particulars address the President, ALVAH HOVEY, Newton Centre, Mass., 5 ins. Aug. 8.

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People's Home Mission Agency.

The Society has been in operation 15 years. Colporteurs to the number of 102 have been employed, who have distributed Bibles and good books worth \$141,235 by sale, and books and tracts valued at \$10,061 by grant. Total grants by the Society, including those from Depot, more than \$16,000 worth. Time served by the Colporteurs equals that of one man for 142 years. Labrador, Newfoundland, Cape Breton, P. E. Island, Nova Scotia, New Brunswick, and a portion of Quebec have been explored. There have been found 1,525 families without God's Word; 2,582 families with no other religious book; and 2,545 families who habitually neglect attending any place of worship. The 26 Colporteurs employed in 1882 performed labor equal to that of one man for 124 years; found 205 Protestant families without Bibles, 279 with no other religious books, and 873 families who never enter the House of God. They sold books worth \$13,333, and made free grants to the value of \$913; and made 31,679 family visits, and held 625 religious meetings.

The books circulated are sound and good, teaching the RIT of man by the full, REDEMPTION by the Holy Spirit, and REDEMPTION through our Lord and Saviour Jesus Christ. They are eminently designed to spread abroad Divine truth, and they are accepted by those that in every place call upon the name of the Lord. They give no uncertain sound upon the essential doctrines of the Cross: Justification through the blood of the Redeemer, holiness through the sanctification of the Spirit, and complete redemption through God's grace alone. Books and tracts designed especially to awaken the impenitent and point to Jesus are imported in great numbers. Almost 10,000 "Come to Jesus" were distributed last year.

The prayers of all God's people are earnestly requested for the Spirit's power to accompany the reading of the books and the evangelistic efforts of the Colporteurs. A copy of the last Annual Report, giving much interesting information and copious extracts from the Colporteurs' reports, will be sent on application to the Secretary.

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As advertised last year, we continue to order the publications of the above Society upon which we allow a discount of FIFTEEN per cent, excepting periodicals, from the catalogue prices. As compared with the issues of the British houses these books are expensive. Catalogues will be supplied upon application, and those ordering can decide for themselves.

The Psalmist, published in the United States for 85 cents, we continue to sell for 75 cents. From our Depot and through Colporteurs about 5,000 Psalmists have been already sold.

Donations to Dec. 31st, 1882, in aid of Colportage, \$40,127; amount paid by Society to Dec. 31st, 1882, for Colportage, \$63,250.

Patronize the Depository and thus aid Colportage, to which all accruing profits are applicable. Jan. 31. 1 y.

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