

FARM AND GARDEN.

MATTERS OF INTEREST TO AGRICULTURISTS.

Some Up-to-Date Hints About Cultivation of the Soil and Yields Thereof—Horticulture, Viticulture and Floriculture.



THE WAY I GROW all kinds of roots: Plow under all the manure in the fall you can. Then plow deep in the spring.

soon as the land is in good condition in the spring, plow and drag. Then back furrow into a dead furrow. That will leave a ditch on either side. Now put the near horse in the furrow and set over your plow to the left of the furrow. Catching your eyes in a spot on the corner, and holding it over the furrows, the horse walks in them back on the other side. When you get the land as wide as convenient, take another dead furrow, and then the center between until you get it all done.

F. D. Burch. Sauk County, Wisconsin.

Michigan's Fruit Institute. (From Farmers' Review Special Report.)

On Wednesday morning Mr. Morrill continued his talk upon peach growing, discussing the "Cultivation and Care of the Orchard." He advocated giving up the land to the trees after the first year, but favored using the land for one year for some cultivated crop that would draw upon the land after the first of August, as it would aid in ripening the trees. The orchard should be plowed in the spring as shallow as possible, and should receive a frequent dragging up to the middle of August.

The thinning of the fruit should be done before pit formation begins, as, if delayed until the pit hardens, it will be a serious drain upon the trees. By thinning the fruit at this time so that they will stand six or eight inches apart, the full vigor will be thrown into those remaining and the crop will be larger and of much greater value than if not thinned.

used care should be taken that they are properly prepared, as much loss has been caused by the application of washes that were highly commended, but proved so strong as to destroy the trees. Too great care cannot be given to searching for and destroying trees affected with the yellows. Trees with a single branch showing the disease are often kept until the fruit is gathered, but this is unsafe, as it may spread the disease to the surrounding trees.

The third talk of Mr. Morrill was upon "Marketing Peaches." The successful fruit-grower of today must, in addition to a practical knowledge of the business, have a knowledge of the sciences that relate to the soil and plants. He must, above all, be a good salesman.

I have been engaged in poultry raising for a few years. I have kept the White Brahmas, White Leghorns and the Buff Cochins. Now I have only the Plymouth Rocks, and this breed suits me best. My hen house is only a common one, but it is comfortable.

I live on a farm, and, like all farmers' wives, have to raise the poultry. I have had in my poultry raising the three kinds of fowls I have mentioned above. I like the Plymouth Rocks very much. Their eggs hatch well, and the little chicks try to take care of themselves early. They mature early, and when young are very deceiving in their weight.

A bulletin of the Iowa experiment station says: Extensive variety tests of winter wheat have in times past been conducted at this station and the result reported in previous bulletins. The only variety of winter wheat thus far found to be adapted to this locality is the Turkish Red.

Cost of Harvesting Sugar Beets.—A record of all labor put on digging the beets was kept with the following result: Five and one-half days' team work, at 75 cents per day, \$4.12; twenty-two days' man labor, at \$1.50 per day, \$33, making a total cost of \$37.12 for digging 22.44 tons of beets, or \$1.65 per ton.

Money Lost or Made.—Some of the ranchmen of Texas are claiming that they have lost a good deal of money during the past year by purchasing cattle to feed. Now that they have got them fat they will bring enough to pay for the investment.

Believe on the Lord Jesus Christ, and thou shalt be saved.

From a Bed of Lavender. She who owns a bed of lavender may make it a very pretty and poetical source of pocket money, as well as an artistic delight. From its fragrant blue depths she can gather many a silver dollar in the course of a summer, as its treasures find a ready sale among women who love dainty things.

A beauty-loving little woman has recently fashioned some exquisite articles of fancy work, which are useful, too, in a very dainty way, using as her material long, smooth lavender stalks in bloom and many yards of lavender-colored baby-ribbon.

The fragrant blue blossom were first folded down upon their stems, and baby-ribbon woven very closely and firmly in between the stems which covered them, the blossoms being in the center. This makes a firm, smooth handle, which tapers toward the fan part. This is broad and flat like the old-time palm-leaf fans that went with our grandmothers to meetings.

Another very popular way of using lavender is the making of "lavender sticks." These are similar to the handle of the fan described, and three or four are joined together in a cluster, by large, full bows of baby-ribbon of any delicate color.

As a gift for some dear old lady, whose earliest years are somehow associated with the sweet, old-fashioned lavender, nothing can be more dainty and appropriate than a lavender fan. Gently swaying the lightsome, airy thing, tender thoughts of long-past girlhood will come to her as the familiar fragrance floats out upon the air.

Many a dainty woman loves the scent of lavender in her bedroom and upon her clothing and household belongings, and bunches of this fragrant herb, inclosed in some very fine fabric, tied with lavender ribbons, given to a fastidious friend to lay away in her bureau or wardrobe, would be a useful gift. Love of delicate odors is an evidence of refinement, and the very act of scenting a garment presupposes its immaculate cleanliness.

The first requisite of success in poultry raising is to know what you are doing. For this reason we wish to encourage our readers to send in their egg records. That indicates that they have begun to find out just what they are doing, and just what returns they are getting.

Forests Hold Snow.—The authorities in Colorado have been examining the forest regions of the state to determine to what extent they hold back the snow from melting in the spring. It is a new idea to many people, and yet entirely reasonable.

Tea in India.—The inhabitants of India long ago found that tea growing was an important industry, especially as the tea sold readily to foreigners. It was like money, could always be disposed of. The consumption of tea by the people of India is only one-fortieth of a pound per head.

"Statistics of the Dairy" is the title of a book just being issued by the department of agriculture. It is compiled by Henry E. Alvord, chief of the dairy division.

Cycling is next to nothing when practiced with the thermometer at one degree above zero.

TALMAGE'S SERMON.

"DIVISION OF THE SPOILS" LAST SUNDAY'S SUBJECT.

A Lesson Radiant with Coming Rewards for All Well Doers — "Shall Divide Spoils with the Strong" — Isaiah, 53:12.



IN THE Coliseum at Rome, where persecutors used to let out the half-starved lions to eat up Christians, there is now planted the figure of a cross. And I rejoice to know that the upright piece of wood nailed to a transverse piece has become the symbol not more of suffering than of victory.

The capture of this round planet for Christ is not so much of a job as you might imagine, when the Church takes off its coat and rolls up its sleeves for the work, as it will. There are sixteen hundred millions of people now in the world, and four hundred and fifty millions are Christians. Subtract four hundred and fifty millions who are Christians from the sixteen hundred millions, and there are eleven hundred and fifty millions left.

Do I really mean that all the earth will surrender to Christ? Yes. How about the uninviting portions? Will Greenland be evangelized? The possibility is that after a few more hundred brave lives are dashed out among the icebergs, that great refrigerator, the Polar region, will be given up to the walrus and bear, and that the inhabitants will come down by invitation into tolerable climates, or those climates may soften; and, as it has been positively demonstrated that the Arctic region was once a blooming garden and a fruitful field, those regions may change climate and again be a blooming garden and a fruitful field.

What about other unproductive or repulsive regions? All the deserts will be irrigated, the waters will be forced up to the great American desert between here and the Pacific by machinery now known or yet to be invented, and, as Great Salt Lake City has no rain and could not raise an apple or a bushel of wheat in a hundred years without artificial help, but is now through such means one great garden, so all the unproductive parts of all the continents will be turned into harvest fields and orchards.

other more exciting and transporting consideration, and that is, that Christ is going to divide up heaven in the same way. There are old estates in the celestial world that have been in the possession of the inhabitants for thousands of years, and they shall remain as they are. There are old family mansions in heaven filled with whole generations of kindred, and they shall never be driven out. Many of the victors from earth have already got their palaces, and they are pointed out to those newly arrived. Soon after our getting there we will ask to be shown the Apostolic residences, and ask where does Paul live, and John; and show the patriarchal residences, and shall say: "Where does Abraham live, or Jacob?" and shown the martyr residences and say: "Where does John Huss live, and Ridley?" We will want to see the boulevards where the chariots of conquerors roll. I will want to see the gardens where the princes walk. We will want to see Music Row, where Handel and Haydn and Mozart and Charles Wesley and Thomas Hastings and Bradbury have their homes, out of their windows, ever and anon, rolling some snatch of an earthly oratorio or hymn transported with the composer. We will want to see Revival Terrace, where Whitefield and Nettleton and Payson and Rowland Hill and Charles Finney and other giants of soul reaping are resting from their almost supernatural labors, their doors thronged with converts just arrived, coming to report themselves.

But brilliant as the sunset, and like the leaves for number, are the celestial homes yet to be awarded, when Christ to you, and millions of others, shall divide the spoil. What do you want there? You shall have it. An orchard? There it is; twelve manner of fruits, and fruit every month. Do you want river scenery? Take your choice on the banks of the river, in longer, wider, deeper roll than Danube or Amazon or Mississippi if mingled in one, and emptying into the sea of glass, mingled with fire. Do you want your kindred back again? Go out and meet your father and mother without the staff or the stoup, and your children in a dance of immortal glee. Do you want a throne? Select it from the million burnished elevations. Do you want a crown? Pick it out of that mountain of diamond coronets. Do you want your old church friends of earth around you? Begin to hum an old revival tune and they will flock from all quarters to revel with you in sacred reminiscence. All the earth for those who are here on earth at the time of continental and planetary distribution, and all the heavens for those who are there.

But notice that there is only one Being in the universe who can and will distribute the trophies of earth and heaven. It is the Divine Warrior, the Commander-in-Chief of the Centuries, the Champion of Ages, the universal Conqueror, the Son of God, Jesus. You will take the spoils from his hand, or never take them at all. Have his friendship and you may defy all time and all eternity, but without it you are a pauper, though you had a universe at your command. We are told in Revelation that Jacob's twelve sons were so honored as to have the twelve gates of heaven named after them—over one gate of heaven Naphtali, over another of heaven Issachar, over another Dan, over another Gad, over another Zebulon, over another Judah, and so on. But Christ's name is written over all the gates, and on every panel of the gates; and have his help, his pardon, his intercession, his atonement, I must, or be a forlorn wretch for ever. My Lord and my God! make me and all who hear me this day, and all to whom these words shall come, thy repentant, believing, sworn, consecrated and ransomed followers for ever.

THE STAGE. Fanny Marlowe has a fortune invested in real estate in New York and vicinity, from which she derives large income. Julia Marlowe, Taber will make her first visit to Italy during her European tour this year, which will cover June, July and August. In Henry Arthur Jones' new play, Mr. Willard has a very strong character part, an imposter who makes hypnotism his profession. Clyde Fitch has contracted to provide Nat C. Goodwin next season with a comedy drama, with Nathan Hale, the American patriot, as hero. George Marion will create the part of Dominic, the Italian fruit seller in William A. Brady's production of "A Daughter of the Tenements." Emma Kames is mentioned as the leading soprano in the Mapleson grand opera company. The engagement in New York will begin October 21. Calve could draw a check for \$100,000 that would be honored. She possesses much landed property in France, is heavily interested in stocks and bonds. "In Gay New York" is the title Canary & Lederer have decided upon for their next annual review, which will be presented early in May, at the New York Casino.

A Rome letter says: "Madame Peggiana has returned to the stage. Many persons consider her superior to Ristori, even in her prime. Duse's first season was with this actress. A wealthy Englishman living in Wiesbaden has tendered to the city a donation of 20,000 marks, with a provision to apply the interest to the assistance of dramatic authors for the best performance of their works. Frances E. Willard and Lucy Stone are college women and so is Vida Scudder, but the American woman's college has produced no great novelists, essayists, or writers in other lines. In direct contrast to this is the fact that nearly all our great men writers, historians and poets especially, are college graduates.

"But," you say, "that this is pleasant to think of for others, but before that time I shall have passed up into another existence, and I shall get no advantage from that new appointment." Ah, you have only driven me to the