

FIGHTING THE INSECTS.

How to Kill Cutworms, Wireworms, Grasshoppers, Plant Mites and Other Pests.

When plants are attacked by insects it is not always advisable or effective to apply poisons directly to the plants infested. This is particularly in cases where trouble is experienced from cutworms, wireworms and grasshoppers.

Flower of sulphur is one of the best remedies for plant mites, such as the red spider. Applied at the rate of one ounce to a gallon of water or mixed with some other insecticide such as kerosene emulsion, it is a very effective remedy.

A FIELD TOOL BOX.

Simple Contrivance That Will Save a Lot of Time and a Great Deal of Annoyance.

To be continually going back and forth from field to house and from house to field for tools and seeds, some of which have been forgotten on the first trip, entails much needless labor upon the farmer.



FIELD TOOL BOX.

will hold all the small tools, the seed and the commercial fertilizer, and to take in it all necessary articles to the field and to keep them there. The box should therefore shed water and should be provided with lock and key.

GOOD SELLING APPLES.

They Must Be of Good Size, of Fair Appearance and of the Very Best Quality.

Under average conditions, when grown especially for market, winter apples pay the best profit. But, as with all other farm products, if the best prices are realized they must be what the market demands.

In selecting varieties for a commercial orchard this fact should always be kept in mind, as the growing of an orchard to maturity requires too long a time and costs too much to make mistakes.

Tomatoes on Potatoes.

We think that experiment showed some years ago that by bringing a growing tomato plant in a pot close enough to a potato vine to allow part of each to be cut away, both might be made to grow together.

WHEN WOMEN SHOP.

According to a Male Observer They All Have a Pensive, Worried, Far-Away Look.

An observant man says that the women who shop all have the same expression. It is a weird look, worried and far away, but fierce, says the New York Commercial-Advertiser.

Even the meek, mild and weak woman whose voice is like a summer zephyr looks fiery and forbidding when she is prowling around a shop, selecting, calculating and doing mental arithmetic.

She may be the lamb at home, but she is the lion of the shop. The passion of shopping clothes her in dignity and wraps her in celestial fire.

PRACTICE SHOOTING.

Why the Majestic, of the English Navy, is a Favorite Type for Imitation.

In practicing shooting, made to resemble service conditions as nearly as possible, the British navy attains an average of 30 per cent. of effective hits, but no one expects this average to be maintained during the excitement of an action, says Cassier's Magazine.

It is to Sir William White's credit that amid all the mechanical complexities of the modern warship, he never lost sight of the fact that without men a warship was merely a costly lump of steel.

WORLD'S GREATEST RUDDER.

Philadelphia Holds the Record for Mammoth One-Piece Steering Gears.

One of the largest rudders that have ever been cast in the world has been finished by the Pennsylvania Steel Casting company, of Chester, for the American line steamship Rhyndland, now on Cramps' drydock undergoing repairs.

The art of casting the rudder, says the Philadelphia Record, is a trade secret which not even the British or German steel makers have yet been able to discover.

John Haug, the surveyor at this port to Lloyds' register of shipping, stated that no European workers of steel could have made a rudder the size of the Rhyndland's in one solid piece.

Sword Speech Formula. If all of our naval heroes have not presentation swords to burn, says the Philadelphia Press, here is a model to be followed in the speech which shall announce the next blade bestowed in recognition of late work done upon the Spaniard.

It struck a new one the other day," said the man who is about to move, "when I went to see a house of which a faithful Irishman was custodian. 'Too small, too small,' I said, as soon as I saw the place.

Gout is rarely known among the working classes of Ireland. Their immunity from this complaint is thought to be due to the fact that their food consists largely of potatoes.

GRANDMA

HAD

CONSUMPTION

and I am afraid I have inherited it. I do not feel well; I have a cough; my lungs are sore; am losing flesh. What shall I do?

Your doctor says take care of yourself and take plain cod-liver oil, but you can't take it. Only the strong, healthy person can take it, and they can't take it long. It is so rich it upsets the stomach. But you can take

SCOTT'S EMULSION

It is very palatable and easily digested. If you will take plenty of fresh air, and exercise, and SCOTT'S EMULSION steadily, there is very little doubt about your recovery.

There are hypophosphites in it; they give strength and tone up the nervous system while the cod-liver oil feeds and nourishes.

SCOTT & BOWNE, Chemists, New York.

Conspicuous Development.

Bridget (reading laboriously)—How you see this, Pat? It sez here that when a man loses waa av his sinnes, his other sinnes get more developed. Fr'instans, a blind mon gets more sense av hearin', an' touch, an'—

Pat—Shure, an' it's quite thrue; O'ive not'iced it meself. Whin a mon has wan leg shorter than the other, he gorras, the other leg's longer, isn't it now?—Chicago Times-Herald.

Unhappy Illustration. "Johnny," said a teacher to a South side groceryman's six-year-old, "a lie can be acted as well as told. Now, if your father would put sand in his sugar and sell it, he would be acting a lie and doing wrong."

"That's what mother told him," said Johnny, impetuously, "and he said he didn't care."—Columbus (O.) State Journal.

Not Hard to Bear. Great Author (who sells by subscription)—So you are a book agent, eh? I presume you meet with a good deal of ill treatment?

Agent—Yes, every day. "I don't see how you stand it."

"Well, you see, I know it isn't because folks dislike me personally. It's because they have such a contempt for the books."—N. Y. Weekly.

Took the Same. Lawyer—You say that you were in the saloon at the time of the assault referred to in the complaint?

Witness—I was, sir.

Lawyer—Did you take cognizance of the barkeeper at the time?

Witness—I don't know what he called it, but I took what the rest did.—Boston Courier.

He Got Out of It. Hewitt—I don't believe in putting off until to-morrow what you can do to-day.

Jewett—Pay me that five dollars then.

Hewitt—The rule doesn't apply; that's something I can't do to-day.—Town Topics.

The Milkman's Milk. Mistress—Tell the milkman to bring us a pint of cream.

Maid—No use, mum. He hasn't any cream.

"Did he say so?"

"No, mum; but his milk doesn't raise cream. I've tried it often."—N. Y. Weekly.

So Merciful. Ethel—You refused him?

May (slowly)—Yes.

Ethel—Did he seem to take it very much to heart?

May (demurely)—Oh, so much so that I changed my mind and said yes.—Philadelphia North American.

Making the Most of It. A shopkeeper had for his virtues obtained the name of "the little rascal."

A stranger asked him why this appellation had been given to him.

"To distinguish me from the rest of my trade," quoth he, "who are all great rascals."—Tit-Bits.

The Ideal and Real. How our hearts with joy uprise

When within them love has birth Love may lift us to the skies— Marriage draws us down to earth.—Harlem Life.

An Economical Move. Mr. Spriggs—My dear, it won't be necessary for you to go to the auction at Mr. Sellout's to-morrow.

Mrs. Spriggs—There may be two or three things there that I want, and besides, I enjoy going to auctions.

"There won't be any auction there."

"Why not?"

"I stopped in to-day and bought everything he had at private sale."

"Everything? Private sale? Are you crazy? What in the world did you do that for?"

"Because I didn't want you to go to-morrow and pay three or four prices for everything."—N. Y. Weekly.

Appearance Deceitful. "I struck a new one the other day," said the man who is about to move, "when I went to see a house of which a faithful Irishman was custodian. 'Too small, too small,' I said, as soon as I saw the place.

"Go away, sor," he replied, "till I show you t'rough. Yes'll find the house much larger on the inside than it is on the outside, sor."—Cleveland Leader.

THE NEW HEART

International Sunday School Lesson for August 6, 1899.—Text, Ezekiel 36:25-27.—Memory Verses, 25-27.

(Specially Adapted from Peloulet's Notes.) GOLDEN TEXT.—A new heart also will I give you.—Ezek. 36:26. READ Ezekiel 36:25; Jeremiah 31:33-34. LIGHT FROM OTHER SCRIPTURES.—Sin a Captivity.—John 8:21; Rom. 6:16, 23; 7:5; 2 Cor. 4:4; Gal. 3:10; 5:19; 6:7; 1 Pet. 2:1; 3:10; 4:18; 5:5; 1 John 1:7; The New Heart.—John 3:3; Gal. 6:16; Jer. 31:33; Ezek. 11:19; 36:26; Matt. 12:18; 13:12; Rom. 2:29; 7:14; 12:2; 13:1; 15:16; 16:20; 17:14; 18:10; 19:11; 20:1; 21:1; 22:1; 23:1; 24:1; 25:1; 26:1; 27:1; 28:1; 29:1; 30:1; 31:1; 32:1; 33:1; 34:1; 35:1; 36:1; 37:1; 38:1; 39:1; 40:1; 41:1; 42:1; 43:1; 44:1; 45:1; 46:1; 47:1; 48:1; 49:1; 50:1; 51:1; 52:1; 53:1; 54:1; 55:1; 56:1; 57:1; 58:1; 59:1; 60:1; 61:1; 62:1; 63:1; 64:1; 65:1; 66:1; 67:1; 68:1; 69:1; 70:1; 71:1; 72:1; 73:1; 74:1; 75:1; 76:1; 77:1; 78:1; 79:1; 80:1; 81:1; 82:1; 83:1; 84:1; 85:1; 86:1; 87:1; 88:1; 89:1; 90:1; 91:1; 92:1; 93:1; 94:1; 95:1; 96:1; 97:1; 98:1; 99:1; 100:1.

PLACE.—Ezekiel was carried captive B. C. 587, perhaps at the age of 20; he began to prophesy B. C. 520, and continued till 430. This prophecy belongs to the period after the destruction of Jerusalem, B.C.

EXPLANATORY. I. Cleansing from Sin.—V. 25. In the previous verses the prophet pictures the corruption and iniquity which defiled the people, and the punishment which was inflicted by God on account of it; then the promise of return, for the sake of His kingdom. "Then:"

When the time shall come for God to restore Israel to their own land (v. 24). "Will I?" God is speaking. "Sprinkle clean water upon you:" The conception of cleansing by sprinkling clean water comes from the mosaic ceremonial system. (See especially Num. 19:17-19, and also Psa. 51:7.)—Coles. (Also Heb. 9:13,14.) New Testament Light. Cleansing from sin is absolutely essential to the salvation of the individual and of the nation. God saves not in sin, but from sin (Rom. 5:12; 1 Cor. 3:17; 6:9; Rev. 21:27). (1) We are cleansed from the guilt of sin by forgiveness. Col. 1:14; Tit. 2:14; Rom. 3:18; 8:1) (2) from the consequences of sin (John 3:16; Rom. 5:9); (3) from the love of sin, by the new heart referred to in V. 26.

II. The New Heart.—V. 26. "A new heart also will I give you:" The heart is the center of life to the body; it sends the life-blood to every part; if it is weak or imperfect the whole body is weak and sickly. "A new spirit;" A new motive, new principle of action, a new love. "And I will take away the stony heart:" The heart of sin is called stony, like a rock. New Testament Light. This is the great doctrine of the New Testament, taught forcibly by our Lord Himself in His statement respecting the new birth (John 3:3-8), and everywhere presented as preeminently the work of the Spirit of God.

III. The New Life.—V. 27. "I will put my Spirit within you:" This is the gift of the Holy Spirit, promised by Joel (2:28). "Keep My judgments:" His laws, His decisions, as to what was right.

IV. Motives for Choosing the New Life.—Vs. 28-36. First Motive: A Promise of Restoration. V. 28. "And ye shall dwell in the land;" They shall be restored to their own land. Second Motive: Deliverance from Sin. V. 29. "I will also save you from all your uncleanness;" The outward blessings promised could not continue unless they should first be saved from sin.

Third Motive: A Promise of Prosperity and Plenty (vs. 29, 30). "I will call for the corn (the grain): God as the owner of the earth and controller of all its forces, will summon them to supply the grain needed for their support. V. 30. "And I will multiply the fruit of the tree;" There shall be plenty of food. "No more reproach of famine;" The heathen seem to have reproached the Israelites with having a God who would allow them to suffer hunger. The heathen did not understand the reason. (See v. 13.)

Fourth Motive: A Nature Refined, Purified, Ennobled (vs. 31, 32). V. 31. "Then shall ye remember your own evil ways . . . and shall loathe yourselves;" When they see their own sins in contrast with God's goodness, then they will realize how mean and disgraceful their sins were. V. 32. And, lest the goodness of God in restoring them should lessen their feeling as to their own character, God tells them: "Not for your sakes do I this." They did not deserve it.

Fifth Motive: A Promise for Their Country. Patriotism (vs. 33-35). V. 33. "In the day that I shall have cleansed you:" They must never forget that this was the necessary condition of salvation. V. 35. "This land that was desolate is to become like the garden of Eden;" In these verses the temporal side (so to speak) of these verses stands forth prominently. This prophecy is being fulfilled in every Christian community, as far as it is Christian; but its complete fulfillment will be in the renewed and restored earth, when, sin being removed, and God dwelling with men, the beauty and glory of paradise shall be restored (see Rev. 21 and 22).

Sixth Motive. V. 36. "Then the heathen . . . shall know:" The Jews should not only be blessed themselves, but become a missionary people, making known the true God to the surrounding nations.

The Legion of Honor. To be a knight of the Legion of Honor is not quite a barren title. The cross of the lowest grade, that of "chevalier," carries with it a pension for life of \$50 annually. An "officer," the grade above, receives \$100 annually, a "commandeur" \$200, a "grand officer" \$400 and a "grand cross" \$600.—Chicago Times-Herald.

Lizards in the Philippines. Lizards crawl along the walls of the habitations in the Philippines disregarded by the human occupants, and make themselves useful by catching flies and mosquitoes.—Albany Argus.

The House Wife's Burden. Advertisement for Dr. Williams' Pink Pills for Pale People.

CHAUTAQUA. Last Low-Rate Excursion via Pennsylvania Railroad. Advertisement for train excursions.

A \$40.00 Bicycle Given Away Daily. Advertisement for a bicycle giveaway.

THE DIETZ DRIVING LAMP. Advertisement for a driving lamp.

THE PATENT Good Ideas. Advertisement for a patent record.

Mrs. Ada M. Herr, of 439 N. Charlotte St., Lancaster, Pa., suffered terribly from female disorders. Advertisement for Dr. Williams' Pink Pills.

Shadow and Light. BANQUET WAX CANDLES. Advertisement for wax candles.

REVIVO RESTORES VITALITY. Made a Well Man of Me. Advertisement for a vitality restorer.

ON SALE EVERYWHERE. SAYO. Advertisement for Sayo medicine.

A Throat Comfort. 5c PACKAGES. WALLACE & CO., New York City. Advertisement for throat lozenges.