

Democratic Watchman

Bellefonte, Pa., July 22, 1898.

FAIRM NOTES.

To Kill Insects, Tree Lice, etc.

Dr. Fernald, of State College, who is now state zoologist, gives the following facts in relation to fruit and foliage destroying insects, and the best manner of getting rid of these pests.

SPRAYING AND HOW TO SPRAY.

Insects do much more damage now than fifty years ago. This is due to several causes. Many forms belonging to Europe have found their way to this country, and, like the English sparrows, have become very abundant. Many are more injurious here than in their native lands, as other insects, which attack and kill them there, have not been able to reach this country or have been unable to live here. Then, too, farming to-day is much more in the line of special crops than it used to be. Instead of a few fruit trees on a farm, we may have a thousand; instead of a potato patch, we may have acres. In one New England town 1,000,000 quarts of strawberries were raised in a single year. One wheat field in California, covered 36,000 acres.

These examples show that instead of flying miles to find food as in years past, food is plenty and nearby, and if we add to this the great destruction of birds, the farmers' friends, for their feathers, we find that the great increase in abundance of injurious insects during the last quarter of a century is fully accounted for.

The time has come when every one who raises crops of any kind, must be prepared to fight these insects and protect himself from loss as far as possible. To do this something must be known of the insects themselves, as different insects must be treated differently. Some feed by eating the leaves; others bore into the wood, and others suck the juices of plants.

For those that eat the leaves, Paris green or London purple, either dry or mixed with water, is usually the best, though in each case care must be taken that the poison be not so strong as to hurt the plant it is put on, as well as the insects.

Borers usually only lay their eggs on the bark of the tree and the young borer eats into the wood. Here no poison can reach it and the only thing to do is to cover the bark with some substance, so that the insect will not lay its eggs there.

For sucking insects no poison to be eaten will do any good, as they only suck the juices, and the use of something, which can be sprayed over the tree, which is strong enough to kill every insect it touches is the only treatment left.

The following directions for treatment by these methods are given both in parts and for a barrel of fifty gallons.

FOR INSECTS EATING LEAVES.

PARIS GREEN, DRY. Paris Green (very finely powdered).....1 lb. Flour or plaster.....100 lbs. Mix thoroughly, put on thinly and evenly; best when dew is on the plants.

PARIS GREEN, WET.

Paris green.....Parts. Per bbl. Quicklime.....1 lb. 3 1/2 lb. Water.....200 gals. 60 gals.

This is too strong for the peach where 20 oz. each of Paris green and quicklime should be used instead of 1 lb. Keep the mixture well stirred while using. To make it, mix the Paris green and the lime and add enough of the water to slack the lime, stirring while hot, then add the rest of the water. Good Paris green gives far better results than the cheaper grades.

LONDON PURPLE.

This can be used instead of Paris green in the directions above, but is more liable to burn the leaves.

FOR BORERS.

Borers, which like the apple tree borer and peach borer, usually lay their eggs near the ground, may be prevented from doing this by placing wire mosquito netting around the base of the tree, like a cone, sinking the lower end in the dirt and fitting the upper end close to the trunk about fifteen inches from the ground. Whitewashing the trunk down to about three inches below the ground, with one table spoonful of Paris green to every pail of whitewash is also a good preventive, though not always successful.

FOR PLANT LICE, SCALE INSECTS, ETC.

As these insects to be killed must be actually touched by the poison, it is much harder to successfully destroy them. Plant lice are soft bodied and the weaker mixtures are strong enough for them. Scale insects, however, are usually covered by a hard shell, and poisons strong enough to reach them through this shell, will frequently injure or kill the plant, unless used in winter.

KEROSENE EMULSION.

Hard soap (shaved fine).....1 lb. Water.....1 gal. 2 gals. Kerosene.....2 gals. 3 1/2 gals.

Dissolve the soap in the water, which should be boiling, and while it is very hot pour the kerosene in; then churn it with a spray pump till it changes into a creamy mass, then to a soft butter-like substance. This should keep for some time. When it is wished to use it, add one part of it to nine times as much water, mix well, and spray the plants. The water should be soft water, or else have some soda added to it. This will kill plant lice and many scale insects as well as other sucking insects.

WHALE OIL SOAP.

Whale oil soap.....Parts. Per bbl. Water.....1 gal. 80 lbs. 40 gals.

This is much stronger than kerosene emulsion and should only be used during the winter, when the trees are not growing. It can be used for insects which cannot be killed by kerosene emulsion.

SPRAYING MACHINES.

A good spray pump should be owned by every farmer as it is not expensive and will pay for its cost many times over. Most hardware dealers either keep them or will get them. A good nozzle such as the Termorel, McGowan or Nixon, should be used and an attachment for keeping the mixture well stirred in the barrel is made to go with most pumps. Straining the mixture used, into the barrel through a fine wire strainer, will prove an advantage. The above are general methods of treatment, and while sufficient in many cases will not do for all.

In case of doubt as to what to do for any pest, the Economic Zoologist, Department of Agriculture, Harrisburg, Pa., should be consulted.

Scheele's green is better than Paris green and costs only half as much per pound.

For red spider, often troublesome to house plants, use flower of sulphur, 1 ounce to a gallon of water.

In Heavy Marching Order.

I think it was Watts who said: Man wants but little here below, Nor wants that little long.

Much as we all revere Watts and place him next to the prophets because of his numerous contributions to the hymn book, here is one place where I think he has fallen into an error, perhaps through the thoughtlessness of a word. If he knew man he certainly knew that he wants all he can get; wants more than he can use; wants it all the time, and wants to hold onto it forever, if possible. It is probable that if Watts had had a chance to revise his hymn before it had become so popular, he would have changed it to "Man needs but little here below." His use of the word "wants" is not strictly incorrect, but simply a trifle misleading.

We read much nowadays about the soldiers in heavy or light marching order. When they are spoken of under the former head they are supposed to be carrying all of their belongings with them, and under the latter they have cast aside for the time everything that will interfere with their rapid movement and are stripped down to their arms and necessary clothing. We read last week of the soldiers in front of Santiago, toiling over the hills for the purpose of driving in the Spanish outposts, throwing away their blankets, extra clothing and everything that encumbered them in their march under the tropical sun, the burden appearing so great and irksome that they preferred to take the risk of losing altogether many of the articles which are considered absolutely necessary for life in camp rather than endure the misery of carrying them farther.

Now, in a soldier's life the necessities of existence are supposed to have been reduced to the limit. A careful study, based upon long experience, has eliminated every possible ounce of outfit for it is necessary that he should be able to move with facility and that he should not be burdened, mentally or physically, with his outfit and belongings. He must be ready to steal away in the night and carry his household goods, as well as his house, his furniture, and his bed and board, with him. But the soldier lives, moves and has his being; he marches and works and fights and retains his strength and endurance on this meager outfit, and subsists on a quantity and quality of food that would be considered almost equivalent to starvation by the majority of those in civil life.

The vast majority of men and women in this country, and in many other countries, are always in heavy marching order. They are overladen with clothes, with food, with furniture, and so overstocked all along the line that the burden of life is greatly increased for them. There are few of us who are not somewhat like the individual who purchased the disassembled boxes at an auction, on the theory that they might be handy to have in the house. I heard a large merchant, a short time ago, bemoaning the loss he would incur through a temporary closing of his store. Upon being asked whether it would not be compensated for by an increased trade when he opened again, he said that the people did not buy according to their needs but according to their means and inclinations; that they always bought more than they needed, and that this surplus buying of his customers, which would be lost through lack of opportunity to indulge it, would represent his loss by the closing.

You will see one man start on a journey to Europe encumbered only by a handbag, while another will think himself scantily fitted out for the journey with a dozen trunks. It is safe to say that the man with the handbag will get as much enjoyment and profit out of the trip as the man with the trunks. One of the secrets of pleasant traveling is to cut down the luggage to the lowest possible limit, and one of the secrets of comfortable living is to reduce one's wants and belongings to the minimum of decent existence. If you have ever moved you have been made aware of how a house is apt to become loaded up with useless things. The average housekeeper, a well-to-do family has dishes and crockery enough to set out a table for a full company of infantry; it has chairs enough for the holding of a small convention; tables enough to set up a restaurant, and other things in proportion.

What is the use of all these things, when less than one-third of the whole will answer all the ordinary purposes of the household? What a waste of money is involved in their purchase and what a world of toil and worry is involved in their care! This going always in heavy marching order is one of the chief difficulties of housekeeping. With only the essentials and real comforts, it would be reduced fully one-half. It is said that one of the principal causes of obesity is the placing of too great a variety of foods on the table at once. On the supposition that the appetite may have a hankering for a dozen or more substantial or delicacies at once, food is placed on the table in platoons. The result is overeating and obesity which would not result were each meal confined principally to a single substantial edible, thus running the gamut of the market in a succession of meals instead of in one.

Curtin's Prediction Comes True.

Pennsylvania's War Governor Said Eleven Years Ago We Would War With Spain.

Eleven years ago Pennsylvania's war Governor, Andrew G. Curtin was interviewed by a reporter on the sealing dispute between the United States and Great Britain and the possibility of a war resulting from it. He made answer to the effect that this country and Great Britain would never go to war again, would settle their future differences by arbitration.

Then the reporter said to him: "Then you think the days of war for this country are done away with, do you, Governor?"

"Now, I did not say that, nor do I think that," replied the former Governor. "I believe and predict that towards the end of this century the United States will have a war on its hands, but it will not be with Great Britain, but with Spain, and the real cause of the struggle will be Cuba. Cuba should by all rights be a part and parcel of this Government; or, rather, a possession of the United States with an independent government, but such a transposition of affairs will never be brought about without a war with Spain, and that is bound to come. Mark my word for it. I may never live to see it. I hope I won't. But you will."

His Awful Blunder.

Singleton—"Dr. Pellet is certainly the most absent-minded man I ever saw." Vederly—"Is that so?" Singleton—"Yes; he was married last week and during the ceremony when he should have placed the ring on the bride's finger he actually felt her pulse and asked her to put out her tongue."—Chicago News.

JURORS FOR THE AUGUST COURT.—If you find your name in the following list, you can make arrangements to draw the salary of a juror for attendance at the August term. It will probably be a short term and without any very important cases.

GRAND JURORS—1ST WEEK. John Noll, stonemason.....Bellefonte James N. Leitzel, laborer.....Gregg Thomas Huey, farmer.....Half Moon E. P. Tate, farmer.....Patton David Kinkade, farmer.....Rush W. E. Meek, farmer.....Ferguson Andrew Fetzer, farmer.....Boggs Israel Young, gunsmith.....Gregg Oscar Krebs, merchant.....Ferguson Curtis Wagner, miller.....Benner W. A. Boal, farmer.....Potter Wm. A. Dunwidde, druggist.....Phillipsburg W. N. McCausland, jeweler.....Phillipsburg R. W. Shipley, farmer.....Union Linn Messer, farmer.....Ferguson J. K. Hosterman, farmer.....Miles Wm. Wasson, farmer.....Spring C. L. Gramley, superintendent.....Miles Samuel Strohecker, farmer.....Miles J. A. Aikens, merchant.....Bellefonte M. O. Stover, farmer.....Haines Jason Underwood, farmer.....Union Daniel Taylor, farmer.....Patton

TRAVELERS JURORS—1ST WEEK. Emanuel Messer, farmer.....College Harry Platt, clerk.....Phillipsburg Isaac Dawson, laborer.....Bellefonte Samuel Moore, laborer.....Rush Dan J. Decker, stonemason.....Potter H. E. Crouse, huckster.....Haines James Dursi, farmer.....Potter Ed. Munson, gentleman.....Phillipsburg Adam Hartges, farmer.....Haines Austin Johnston, laborer.....Spring J. W. Sweetward, farmer.....Gregg J. S. Wagner, farmer.....Milesburg John Stine, clerk.....Phillipsburg James Schofield, saddler.....Bellefonte Jesse Whippo, laborer.....Worth Samuel R. Weiser, tinner.....Millhelm A. A. Miller, liveyman.....State College Luther Geiswite, merchant.....Haines Wm. Haines, teacher.....Liberty Cornelius Bover, farmer.....Haines Robert Cook, liveyman.....Howard Boro W. E. Confer, barber.....Howard Boro W. P. Heverly, laborer.....Boggs Wesley Hartman, moulder.....Millhelm Richard O'Neil, laborer.....Rush Daniel M. Stine, laborer.....South Phillipsburg James Rine, laborer.....Bellefonte D. W. Clark, blacksmith.....Liberty Frank Wian, farmer.....Spring Jacob Croft, collector.....Burnside Jno. Pennington, miner.....Rush H. C. Hoy, tinner.....State College Geo. W. Scholl, farmer.....College L. C. Spayd, farmer.....Bellefonte H. C. Williams, painter.....Bellefonte J. C. Stover, farmer.....Haines Solomon Peck, justice.....Walker Jacob Lyon, butcher.....Bellefonte Jas. L. McClure, saddler.....Bellefonte David Love, laborer.....Spring D. G. Smetzler, laborer.....Potter Reuben Knapp, farmer.....Spring D. R. Nevins, farmer.....Snow Shoe Geo. W. Hosterman, dentist.....Centre Hall James Kerstetter, butcher.....Spring C. D. Moore, teacher.....Harris Fred Decker, farmer.....College John W. Holmes, farmer.....Marion

TRAVELERS JURORS—2ND WEEK. Jacob Fultz, sawyer.....Haines J. Kyleigh Farland, farmer.....Benner Jacob B. Hazel, farmer.....Miles J. W. Fravel, laborer.....Snow Shoe E. Sellers, foundryman.....College Elmer Straub, shoemaker.....Spring Samuel Williams, millwright.....Haines Israel Condo, blacksmith.....Marion Michael Hazel, farmer.....Benner John Hight, merchant.....Patton Joel Kline, farmer.....Howard Twp. J. L. Pletcher, farmer.....Howard Twp. W. L. Steele, carpenter.....Bellefonte F. F. Smith, farmer.....Rush A. C. Mingle, merchant.....Bellefonte Park Bullock, laborer.....Snow Shoe Hiram Thompson, farmer.....College W. R. Shope, lumberman.....Spring H. H. Montgomery, policeman.....Bellefonte J. C. Miller, superintendent.....Benner Jack Smith, laborer.....Howard Twp. Geo. Heaton, blacksmith.....Boggs Wm. Pealer, merchant.....Gregg Chas. W. Wolf, farmer.....Haines Harry A. Harter, carpenter.....Spring C. J. McCallion, laborer.....Howard Twp. Thomas Norris, painter.....Phillipsburg N. W. Eby, distiller.....Haines Ed. Mingle, laborer.....Haines Theo. S. Christ, physician.....College J. L. Croft, farmer.....Boggs Stanley Watson, farmer.....Boggs J. O. Kerstetter, farmer.....Potter Matthew A. Elder, book-keeper.....Phillipsburg Joseph Gephart, farmer.....Miles Wm. B. Lacey, laborer.....State College Joseph Hoy, gentleman.....State College Ephraim Keller, farmer.....Spring John D. Brown, jeweler.....Snow Shoe Geo. W. Smith, teacher.....Potter.

THE SURE LA GRIPPE CURE.—There is no one suffering from this dreadful malady, if you will only get the right remedy. You are having pain all through your body, your liver is out of order, have no appetite, no life or ambition, have a bad cold, in fact are completely run up. Electric Bitters is the only remedy that will give prompt and sure relief. They act directly on your Liver, Stomach and Kidneys, tone up the whole system and make you feel like a new being. They are guaranteed to cure or price refunded. For sale at F. Potts Green's drug store, only 40 cents per bottle.

—Henry M. Flagler has offered to the Red Cross all the necessary land and \$5,000 with which to build a hospital for the wounded, just north of the Royal Palm Hotel, Miami, Florida.

Furniture

A FINE DISPLAY.

That is the object of this announcement, to call attention of the public to the large, complete, select assortment of New Furniture just received and awaiting your inspection at my new store, recently opened in the room formerly occupied by McKee's Hardware store, Allegheny street, Bellefonte.

Furniture

A FINE DISPLAY.

Can't enumerate all the choice goods in stock. You are respectfully invited to pay us a visit and see the elegant goods.

Should you want to make any purchases, interesting inducements will be made.

Furniture

A FINE DISPLAY.

ANYTHING AND EVERYTHING in the line of furniture from a cheap chair to gorgeous parlor suits or elaborate bed chamber furniture, at the Spring Opening.

Furniture

WILL PAY YOU

If disabled by an accident \$30 to \$100 per month if you lose two limbs, \$200 to \$5,000. If you lose your eye sight, \$200 to \$5,000. If you lose one limb, \$83 to \$2,000. If you are ill \$40 per month. If killed, will pay your heirs, \$200 to \$5,000. If you die from natural cause, \$100.

IF INSURED, You cannot lose all your income when you are sick or disabled by accident. Absolute protection at a cost of \$1.00 to \$2.25 per month.

The Fidelity Mutual Aid Association is pre-eminently the largest and strongest accident and health association in the United States. It has \$8,000,000 cash deposits with the States of California and Missouri, which, together, with its ample reserve fund and large assets, make its certificate an absolute guarantee of the solidity of protection to its members.

For particulars address J. L. M. SHETTERLY, Secretary and General Manager, San Francisco, Cal.

42-19-1-y.

The Sun Cholera Cure.

Take equal parts of Tincture of opium, Tincture of rhubarb, Tincture of cayenne, Spirits of camphor, Essence of peppermint. Mix well together. Dose—Fifteen to thirty drops in water; to be repeated in fifteen or twenty minutes if necessary.

This is the original formula for the Sun cholera cure. It was given to the Sun in the 'cholera year' 1849 by George W. Busted, then and now a practicing pharmacist in this city. It was published daily in the Sun during the summer of that year; it was published at intervals for several years, and again daily during the 'cholera years' 1855 and 1866; and has been printed in the Sun probably 1,000 times since it first appeared.

The Sun cholera cure has been adopted into the United States Pharmacopoeia, and is a medicine approved and valued by every medical man in the country.—New York Sun.

—Subscribe for the WATCHMAN.

New Advertisements.

1898 BICYCLES DOWN TO \$5.00.

New 1898 Model Ladies' and Gents' Bicycles are now being sold on easy conditions, as low as \$5.00; others outright at \$12.50, and high-grade at \$19.50 and \$22.50, to be paid for after receiving. If you will cut this notice out and send to SEARS, ROEBUCK & Co., Chicago, they will send you their 1898 bicycle catalogue and full particulars. 74-27-3m

W. B. REEVE

TEACHER OF PIPE ORGAN—PIANO—VOICE CULTURE and HARMONY.

South Thomas St. BELLEFONTE, PA. 18-1y*

FARMERS BREAK THE BUGGY MONOPOLY.

It is claimed that for years buggy manufacturers have secured exorbitant prices for their goods but recently, through the combined assistance of the farmers of Iowa, Illinois and other states the Sears, Roebuck & Co. of Chicago, have got the price of open buggies down to \$16.00; Top Buggies, \$22.75; Top Surries, \$43.75 and upwards, and they are shipping them in immense numbers direct to farmers in every state. They send an immense Buggy Catalogue free, postpaid, to any one who asks for it. This certainly is a big victory for the farmer, but a severe blow to the carriage manufacturers and dealers.

5,000 BICYCLES.

All makes and models, must be closed out at once. New '07 models, guaranteed, \$2.75 to \$15; shopworn and used wheels, \$3 to \$12; swell '08 models, \$13 to \$35. Great factory clearing sale. Shipped to any one on approval without advance deposit. Handsome souvenir book free.

EARN A BICYCLE

by a little work for us. FREE USE of sample wheel to rider agents. Write at once for our special offer. P. H. MEAD & PRENTISS, Chicago, Ill. 43-26-13t

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You want to consider several things besides the cost. If you buy your glasses of us you may feel sure that they are meant for your sight, are properly adjusted and that you have received the worth of your money.

THE MOST HELPLESS MAN

Is the one who breaks or loses his glasses. Should you prefer a new pair we will guarantee to fit your eyes with the finest glasses at prices satisfactory for the best of goods.

H. E. HERMAN & Co., L'td. 308 Market Street, Williamsport, Pa. WILL VISIT BELLEFONTE, PA.

FRANK GALBRAITH'S JEWELRY STORE, BUSH HOUSE BLOCK, TUESDAY, AUG. 2ND.

No Charge for Examination. 43-25-1y

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NEWEST NOVELTIES

BELTS, HAT PINS.

SHIRT WAIST SETS, Etc.,

in Gold and Sterling Silver.

QUALITY HIGH. PRICES LOW.

F. C. RICHARD'S SONS, High St. BELLEFONTE, PA. 43-13

IRVIN'S CASH HARDWARE,

BELLEFONTE, PA.

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ANYTHING AND EVERYTHING in the line of furniture from a cheap chair to gorgeous parlor suits or elaborate bed chamber furniture, at the Spring Opening.

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If disabled by an accident \$30 to \$100 per month if you lose two limbs, \$200 to \$5,000. If you lose your eye sight, \$200 to \$5,000. If you lose one limb, \$83 to \$2,000. If you are ill \$40 per month. If killed, will pay your heirs, \$200 to \$5,000. If you die from natural cause, \$100.

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42-19-1-y.

NAGINEY'S FURNITURE STORE

F. E. NAGINEY, Proprietor. Allegheny Street, Bellefonte, Pa.

Plumbing etc.

CHOOSE YOUR PLUMBER

as you chose your doctor—for effectiveness of work rather than for lowness of price. Judge of our ability as you judge of his—by the work already done.

Many very particular people have judged us in this way, and have chosen us as their plumbers.

R. J. SCHAD & BRO. No. 6 N. Allegheny St., BELLEFONTE, PA. 42-43-6t

Roofing.

NOW IS THE TIME TO EXAMINE YOUR ROOF.

During the Rough Weather that will be experienced from now until Spring you will have a chance to Examine your Roof and see if it is in good condition. If you need a new one or an old one repaired I am equipped to give you the best at reasonable prices. The Celebrated, Courtright Tin Shingles and all kinds of tin and iron roofing.

W. H. MILLER, 42-38 Allegheny St. BELLEFONTE, PA.

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YOU CAN DO BETTER AT IRVIN'S

As a SPECIAL BARGAIN we offer, while they last 10 dozen 2 Tine Long Handle Hay Forks, usual price 30 cents our price 19 cents.

ALSO FOLLOWING ARTICLES UNDER REGULAR PRICES:

Grain Cradles, \$2.25

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Cradle Fingers, .10

Harpoon Hay Forks, .85

Best Grass Scythes, .40

Screen Doors with Hinges Knob and Latch, .75

WATCH FOR OUR PRICES ON MASON GLASS JARS.

As a SPECIAL BARGAIN we offer, while they last 10 dozen 2 Tine Long Handle Hay Forks, usual price 30 cents our price 19 cents.

SECHLER & CO. BELLEFONTE, PA.

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\$5,000 \$5,000 \$5,000

—WORTH OF— HARNESS, HARNESS, HARNESS,

SADDLES, BRIDLES,

PLAIN HARNESS, FINE HARNESS,

BLANKETS, WHIPS, Etc.

All combined in an immense Stock of Fine Saddlery.

—NOW IS THE TIME FOR BARGAINS.—

To-day Prices have Dropped

THE LARGEST STOCK OF HORSE COLLARS IN THE COUNTY.

JAMES SCHOFIELD, BELLEFONTE, PA.

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ACCIDENT AND HEALTH INSURANCE.

THE FIDELITY MUTUAL AID ASSOCIATION

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