

County Health Department

ACTIVITIES
By Dr. B. C. Wilson

NEWS
Health Officer

I believe the public as a whole has never come to the realization of just what quarantine means to them or why we have such a thing as quarantine. Due to the fact that we are just emerging from a siege of Scarlet Fever and other communicable diseases, I deem it a most fitting and proper time to discuss some of these points.

Communicable diseases are those diseases which can be and are transmitted from one person to another. There are various ways of transmitting germs and the most probable one is by way of the little droplets of vapor coming from the nose, throat and lungs. Have you ever on a cold morning breathed against a cold window pane and noticed the fog like film of water droplets that condense on the glass? This area of condensed water is composed of thousands of tiny droplets of water vapor and each one of these droplets are capable of carrying thousands upon thousands of germs. Saliva is loaded with these germs and a cough or a sneeze sends millions of germs out into the world looking for victims of prey. These germs can live for various lengths of time, depending on the temperature, humidity etc, therefore if any clothes or other articles receive any of these droplets of vapor containing germs of the disease and the environment is favorable, the germs will live and be carried to someone else and new cases of the disease will crop out. That, in a nutshell is our reason for insisting on strict quarantine. On top of this there are people who harbor germs of certain diseases but who themselves are immune to the particular disease, therefore never become ill with it but are yet very capable of transmitting these germs to someone else who is susceptible—this being the reason we quarantine other members of the family who are not sick and isolate those who have been in contact with the sick ones. The incubation period is the period from the time of entrance of the germs into the body to what we call the prodromal stage. This period varies with different diseases. The prodromal stage or period is that period during which the patient has certain signs and symptoms that are fairly typical and constant preceding the typical eruption, rash etc. of the disease in question. Examples: Sore throat of Scarlet Fever, cold and running nose and watering eyes in measles etc. During this prodromal stage and to a great extent thru

the incubation period the person harboring the germs is highly contagious. That explains the good old logic in isolating the susceptible person exposed to a contagious disease until it is reasonably certain that he or she is not harboring the germs and spreading them all over the place.

Did you ever sit down and think how you would feel if a friend of yours or one of your friends family had, lets say scarlet fever and that friend deliberately and wantonly came in contact with you or some of your family and was responsible for one or more cases of Scarlet Fever in your family? If that case or cases died, that friend would be just as guilty of murder as if he had put deadly poison in the water and killed them. Think this over, it's well worth it.

Next time I hope to explain why we have been having so many cases and then what we are going to do about it.

SPRING GARDEN HINTS

No time is gained in trying to divide plants or transplant shrubs or perennials before the soil warms up as new roots will not form properly, resulting in stunting or death of the plants.

Eradicate moss from lawns rake as much out as possible with a garden rake and then add a soil dressing containing one-sixth its bulk in lime. Next reseed with a good grass mixture containing considerable clover.

Synthris, or spring queen, is a common Oregon wild flower that goes well in a wild flower garden. This plant with heart-shaped leaves and blue flowers grows from two to eight inches tall and serves well as a border plant.

Many gardeners prefer selected shades of zinnias rather than a complete mixture so commonly used.

Begin With Petty Larceny

A survey of the inmates of many penitentiaries made by an official of a juvenile court showed that petty larceny was the outstanding first offense of the prisoners examined.


Book Lovers Do

I have somewhere seen it observed, that we should make the same use of a book that the bee does of a flower, she steals sweets from it, but does not injure it.—Colton.

How to Raise Poultry

By Dr. L. D. LeGear, V. S., St. Louis, Mo.

Dr. LeGear is a graduate of the Ontario Veterinary College, 1892. Thirty-six years of veterinary practice on diseases of live stock and poultry. Eminent authority on poultry and stock raising. Nationally known poultry breeder. Found and lectured.



Ban The "Get The Axe" Cure

Little Excuse for the Widely Prevalent Custom of Killing Chickens at the First Sign of Illness; Use of Simple Home Remedies or Easily Obtainable Commercial Preparations May Save Valuable Birds and Many Dollars of Profits

The wife of a friend of mine tells with great relish of waking up not long ago and finding him in the throes of a violent nightmare. He was struggling desperately against some imaginary assailant and shouting at the top of his voice, "No no-no! Don't! I tell you it's toothache, darn you—nothing but toothache." Being finally aroused up and pressed for an explanation, he admitted rather sheepishly that he dreamed a huge rooster had him penned up and was preparing to cut his throat with his sharp spurs because he looked droopy and had a huge swelling on his jaw. Not wishing to lose this advantage, friend wife at once reopened an argument that had been waging for months between them—"Serve you right if it really happened," she snapped. "Any man who is too lazy to save birds that could be saved with just a little trouble ought to have to take his own medicine."

Sometimes I feel much the same way about it, for chickens are much more than a mere hobby with me. But aside from all such sentimental considerations as might influence the enthusiast, there are some good sound reasons why it is unwise to resort to the axe every time a chicken begins to show signs of some more or less serious affliction. For one thing, the first examination doesn't always tell the whole story. Not every snuffle spells roup nor is every droopy, dispirited fowl infested with worms to an incurable degree.

All sick fowls, no matter what their ailment, should be removed at once from the flock and either killed or doctored. Chickens can be cured as well as live stock, or people, when sick, and I believe in individual treatment in most cases. I have been doctoring poultry diseases on my experimental farm for more than 20 years and have had excellent results except in the incurable ailments, such as T. B., cholera, bacillary white diarrhea and other diseases known to be incurable.

A well protected coop, box or pen, apart from the flock is very necessary in which to place the sick fowls. Sick chickens placed in such

quarters can be watched. If they develop unmistakable signs of diseases known as incurable, kill them.

My many experiments during the past several years have proven to me that Permanganate of Potash, the medicine that turns water a reddish purple color, is of little or no value in preventing or curing diseases of poultry, when used in the drinking water in the regular way. But, I find epsom Salts very beneficial in preventing and curing many diseases of poultry. Each sick fowl should be given one teaspoonful of Epsom Salts, or for flock treatment, one pound mixed with a small tempting wet mash feed for each 100 hens.

Sanitation and disinfecting are two of the great secrets of successful poultry raising. Poultry houses and brooder rooms should be thoroughly cleaned often, and sprayed freely with a good dip and disinfectant. Properly built chicken houses with high open fronts that face the south, that are kept clean and free from insects by spraying with a good dip and disinfectant will do more to keep fowls healthy than anything.

In many cases a cure is possible with simple home remedies as easily administered as the flannel rag soaked with camphorated oil on baby's chest when he has a cold. Furthermore, any druggist or feed merchant carries reliable preparations for the treatment of practically every poultry disease that is amenable to medication. Such medicines are always accompanied by simple, complete instructions, not only for the dosing of the feathered patients but for the general care needed to make treatment successful. Why then let them die or deliberately kill them off before they can be easily cured.

Poultry raising is a business that is or should be run for profit. It is for the poultry raiser to determine, therefore, whether or not any individual cure will justify labor and expense necessary to effect a cure. It is unquestionably true, however, that many fowls are needlessly sacrificed when a little extra trouble would be repaid many times over. Don't forget that every fowl in your flock represents an investment of both time and money. You throw that away in addition to sacrificing possible future profits every time a bird is subjected to the "get the axe" cure if less drastic methods would have saved it.

The First Cure

When Ananias came up before the traffic court he said he thought he was traveling about twenty miles an hour.—Minneapolis Journal.

Hothouse Cheaply Heated

A glass-enclosed hothouse near Old Faithful geyser, in Yellowstone park, is used for raising vegetables and flowers the year around. It is heated by water from a nearby hot spring.

FARM POINTERS

From College News Service O. S. C.

When loganberries or other bramble fruits have been infected with Anthracnose, and control measures were not taken after the last harvest, or where the disease was severe enough to require additional attention, it is advisable to spray the new growth in the spring, says the Oregon Experimental station. Use bordeaux 4-4-50 as the earliest new leaves are approaching full size, repeating just before bloom if necessary.

The time to apply dormant oil sprays is in the early spring before the bud scales separate. If applied during the critical period—between the time the buds first show green and the cluster bud stage—injury may result, it has been found.

Early spring is the best time for the first application of ammonium sulphate—probably the best single fertilizer for lawns. It is applied at the rate of about two pounds per 100 square feet. The second application comes late in the spring and is washed in by sprinkling immediately after. Ammonium sulphate is a nitrogen bearing food sold under various trade names. It is not advisable to use it to excess on lawns, largely clover.

The best time for grafting most fruit trees is about two or three weeks before the buds open, says C. E. Schuster, horticulturist of the Oregon Extension service in Extension Bulletin 384, entitled "Grafting and budding," which is just off the press and ready for distribution.

Ill Health Defined

The long bad time for which you traded a short good time.—Los Angeles Times.

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RURAL CARRIER Examination March 22 open patrons Gold Hill Postoffice. Salary \$1800. Age 18-50 Don't miss this opportunity. Coaching course \$5 booklet free. L. Hampton, Box 1818-XF, Washington, D. C.



DR. I. H. GOVE

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