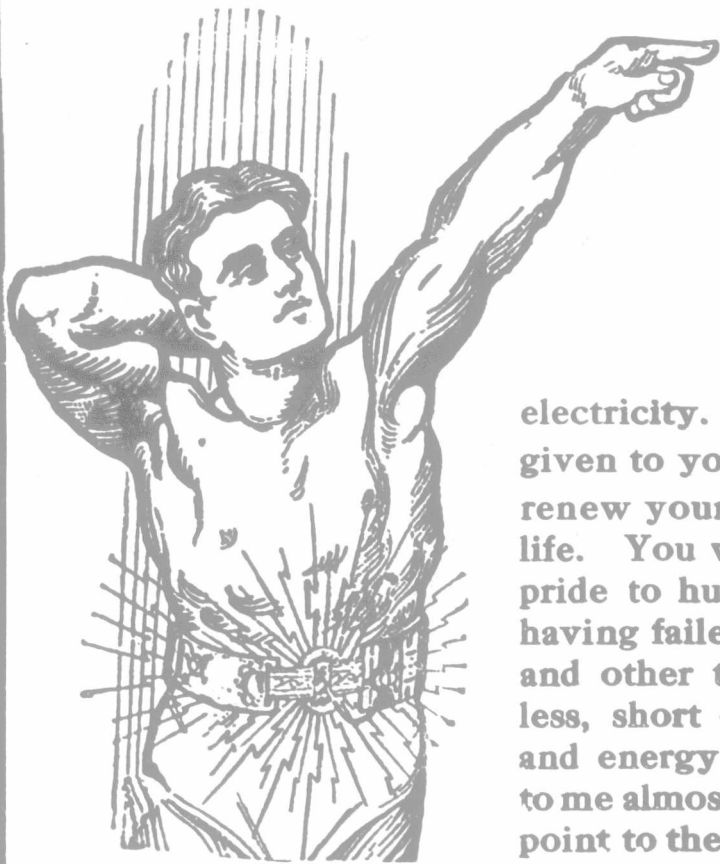


"Why Am I Weak?"



That is the question which every weak man puts to himself. If you have thought much of your trouble you know that the force which keeps up the health and strength of your body is nothing more or less than electricity. All the motive power in your body is born of electricity. That is what you lack, and that force given to your weak organism as I will give it, will renew your strength. You will be able to enjoy life. You will be strong again. I can point with pride to hundreds of men who came to me after having failed to get the craved results from drugs and other treatments, men broken down, sleepless, short of memory and without the courage and energy of strong people. They have come to me almost without hope, discouraged; and I can point to these men to-day, after their having worn

Dr. McLaughlin's Electric Belt

happy, enthused and shouting with gladness in the possession of the full vigor of perfect manhood. These men will at any time be glad to tell you what I have done for them.

"I am well satisfied with the results of your Belt. I have quit wearing it now as I am feeling all right again and am able to do a fair day's work without that tired feeling, aching hips and legs, which troubled me so much; my appetite is really good, and I have no stomach trouble as before. Yours respectfully, Henry Dicker, Coulson, Ont."

"Your Belt has done wonders for me, and I am more than pleased with the results, for without it I do not believe I could ever have done another day's work in my life. I shall ever praise your Belt to all sufferers of Rheumatism, and can safely say that your Belt will do all that you say it will. You can print this for the good of others, if you wish." Peter L. Harris, Murray, Ont.

"I have had your Belt for two months and am glad to say that I am improving every day. My back was sore from the constant drain; now the pain is all gone and I feel like a new man. I am still using the Belt every night, and I am sure I weigh 10 pounds heavier." Cliff Huxtable, Amherst, N.S.

The confidence I have in the wonderful curative powers of my Belt allows me to offer any man or woman who can give me reasonable security the use of the Belt at my risk, and they can

PAY WHEN CURED

This appliance has cures in most every town and city in the country, and if you will write to me I will send you testimonials, given to me by people that are probably well known to you. My Belt not only cures weakness, but

DR. M. D. McLAUGHLIN, 112 YONGE STREET, TORONTO, CANADA.

Dear Sir,—Please forward me one of your books as advertised.

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SPRAYING TIME COMETH ON APACHE IN B. C.

One of the B. C. specialists in fruit culture resident on the coast made a statement to the effect that nearly all their trees were infested with some insect or fungus trouble. To overcome such troubles the best thing to do is to conduct a thorough campaign of tree spraying. For apples the copper sulphate or poisoned Bordeaux mixture is recommended, just when the bud opens. Later a second application of poisoned Bordeaux may be given just before the blossoms open. The third application of a spraying mixture, preferably alkaline wash, should be given as soon as the blossoms fall. These first three applications are very important and essential if a first class fruit is to be obtained. Three other applications of poisoned Bordeaux are recommended in case of spot disease at intervals of ten or fifteen days.

For scale insects or aphid, use the kerosene emulsion, whale oil soap or tobacco and soap wash before the buds start, and again when the young insects hatch. For the oyster shell scale trees should be sprayed late in autumn with limewash, two coats, applying the second as soon as the first is dry. In all cases if heavy rains come on in 24 hours the spraying should be repeated, according to the advice of Dr. Fletcher, the Dominion entomologist and botanist, who also advises the thorough washing of all nozzles and pumps with clean water immediately after using. The disease or parasites likely to affect the apple are black spot fungus, codling moth, leaf-eating caterpillars, bores, apple aphid, scale insects.

WHAT TO USE FOR CHERRIES.
Rot, leaf-diseases and insect are the main troubles and the black knot which should be cut out and burned whenever seen. Poisoned Bordeaux should

be applied before the flower buds open. For aphid the kerosene or whale oil soap solution may be used. When fruit has set, again use poisoned Bordeaux, and again ten or fifteen days later and if necessary the ammoniacal copper carbonate solution two weeks later.

TREATMENT FOR PLUMS
On the coast, tree pests seem to be more frequent and harder to control than in the upper country, plums especially being affected. Rot, blight shot hole, budmoth, curculio, or aphid may all trouble the horticulturist, although the officials endeavor to limit the tree diseases as much as possible. Copper sulphate and Paris green are recommended, before buds open, poisoned Bordeaux soon after the blossoms have fallen, and again ten or twelve days later, to be repeated if necessary after a similar interval. If rot is prevalent the ammoniacal copper carbonate

solution is recommended at fifteen day intervals, two applications being prescribed by Dr. Fletcher. The formulas below are those referred to and recommended by Dr. Fletcher in his spraying calendar. Directions must be followed faithfully if good results are to be obtained.

PARIS GREEN.
For Foliage-eating Insects.—Paris green, 1 lb; unslaked lime, 1 lb; water, 160 gals.

Dry Mixture.—1 lb. Paris green with 50 lbs. flour, land plaster, slaked lime or any other perfectly dry powder.

Poisoned Bran.—Mix 1 lb. of Paris green with 50 lbs. of slightly moistened bran. Scatter on surface of soil.

HELLEBORE.
White Hellebore, 1 oz.; water, 2 gals. Or to be dusted undiluted over attacked plants.

PYRETHRUM (or Insect Powder)

Pyrethrum powder, 1 oz.; water, 3 gals.
Dry Mixture.—Mix thoroughly 1 part by weight of insect powder with 4 of cheap flour, and keep in a close vessel for 24 hours before dusting over plants attacked.

KEROSENE EMULSION.
For Bark Lice and Other Sucking Insects.—Kerosene (coal oil), 2 gals.; rain water, 1 gal, soap, 1/2 lb.

Dissolve soap in water by boiling; take from fire, and, while hot, turn in kerosene and churn briskly for five minutes. For use, dilute with nine parts of water so that the above three gallons of stock emulsion will make 30 gallons of spraying mixture.

FLOUR-KEROSENE EMULSION

1. Kerosene, 1 quart; dry flour 8 ozs.; water, 2 gals., Stir together the flour and kerosene; then add the water and churn violently for two to four minutes. (To be used immediately.)

2. Kerosene, 1 quart; flour scalded in water, 2 ozs.; water, 2 gals.

Scald the 2 ozs. of flour in water before adding the kerosene; churn as above. (Can be kept for a week or more, if necessary.)

WHALE-OIL SOAP.
For brown or black aphid, 1 lb. in 4 gallons of water.

For scale insects (young), 1 lb. in 5 gallons water.

For green aphid or thrip, 1 lb. in 6 gallons water.

For San José scale (in winter), 2 1/2 lbs. in 1 gallon water.

TOBACCO AND SOAP WASH.

Soak in hot water for a few hours, 10 lbs. of tobacco leaves (home-grown will do); strain off and add 2 lbs. of whale-oil soap. Stir until all is dissolved, and dilute to 40 gallons. Apply early, and two or three times at short intervals.

FORMULAS OF FUNGICIDES.

BORDEAUX MIXTURE.
For Fungi.—copper sulphate (blue-stone) 4 lbs; unslaked lime, 4 lbs; water (1 barrel), 40 gals.

Dissolve the copper sulphate (by suspending it in a wooden or earthen vessel, containing 4 or 5 or more gallons of water). Slake the lime in another vessel. If the lime, when slaked, is lumpy or granular, it should be strained through coarse sacking or a fine sieve. Pour the copper-sulphate solution into a barrel, or it may be dissolved in this in the first place; half fill the barrel with water; dilute the slaked lime to half a barrel of water and pour into the diluted copper sulphate solution, then stir thoroughly. It is then ready for use. (Never mix concentrated milk of lime and copper solution.)

A stock solution of copper sulphate and milk of lime may be prepared and kept in separate covered barrels throughout the spraying season. The quantities of copper sulphate, lime and water should be carefully noted.

To test Bordeaux mixture, let a drop of ferrocyanide of potassium solution fall into the mixture when ready. If the mixture turns reddish brown, add more milk of lime until no change takes place.

POISONED BORDEAUX MIXTURE.

For fungi and leaf-eating insects.—To the 40 gallons of Bordeaux mixture prepared as above, add 4 ounces of Paris green.

For Potato Rot.—Instead of 4 lbs. copper sulphate, use 6 lbs. and for potato beetles, 8 ozs. of Paris green

(To be continued.)