

ONGERTH'S
TREATISE
ON THE
INSECT PEST,
IN
ORCHARDS AND VINEYARDS,
AND HIS
Methods of Exterminating the Parasites.

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ONGERTH'S REMEDY

FOR THE

EXTERMINATION OF THE INSECT PEST.

The millions of young fruit trees and vines planted yearly in all parts of California, as well as the untold number of small fruit bushes raised every where, are the best proof that the Golden State is pre-destined to become the orchard and vineyard of the United States.

Thousands have understood this fact, and have gone into the business of fruit and grape cultivation, partly for their own recreation and pleasure, and partly as a profitable investment of capital.

After a comparatively few years of prosperity, an unlooked for danger has arisen, bearing like a dead-weight on every orchardist and viticulturist,—the threatened danger that fruitgrowing has no future in California, that the orchardist will not be able to overcome this danger, and that his enemies, that is to say, insects and the lower forms of parasites, are too numerous to leave him much hope of a victory in his fight against them.

As usual in such cases, man is not aware that the fault mostly lies with himself; on the contrary, he is only too prone to lay the cause of his ruin at the wrong door.

A large majority of our orchardists have not the least idea that they themselves are to blame, to a great extent,

for this ruinous state of affairs; that the worst and most dangerous mistakes are constantly being made while planting the young tree, in selecting the appropriate variety of fruit for the soil, and that their further treatment of the growing tree only helps to increase the insect pest instead of diminishing it.

The uniform cry therefore is:

“THE CLIMATE IS THE CAUSE;”

By the help of its genial semi-tropical warmth, the parasites are multiplied in legions, and the despairing orchardist stands powerless before this danger of destruction.

The writer of these lines has for the last twenty-six years conscientiously tried to make himself thoroughly acquainted with the natural laws governing the growth and development of fruit and grape bearing trees and vines.— This long continued and hard study has positively convinced him that it lies in the power of man to obtain the most satisfactory results; that nature never interferes with his work, if properly and wisely done, but that, on the contrary, she lends a helping hand to man's efforts, and returns willingly a thousandfold his labor and care. I have found this truth verified everywhere, from the Carpathian Mountains in Hungary to the Atlantic sea shore; I have found it verified in this vast territory, from the Atlantic to the Pacific Ocean. I only ask the intelligent orchardist to weigh every one of my words, which he can easily do, if he only tries to seek the proof and the explanation of my assertions in his own orchard.

The object of these present lines is to treat of the most pressing dangers and their prevention:

- 1st. The Open Wound;
- 2d. The Parasites;
- 3d. The Failure of Crops.