

live on its sap. Biting insects are destroyed by putting poison on the parts that they eat; sucking insects cannot be reached in this way and are killed by emulsions that corrode their bodies or choke their breathing by smearing. The most common poison employed is Paris green applied as a spray, using one pound of Paris green to fifty gallons of water. A common emulsion consists of half a pound of laundry soap dissolved in a gallon of hot water mixed with two gallons of kerosene and diluted with twenty gallons of water. It is used also as a spray.

Grasshoppers are sometimes destructive. They are found in small numbers every season. In an ordinary season the birds keep them in check. When they do come in large numbers their coming appears as a disastrous visitation and nothing can check them. They move from the mountains out on to the plains and eat everything that is green. Their appearance in great hosts cannot be foreseen or explained. They disappear as suddenly as they come. The young that are bred out in the plains in a crusade do not seem to be able to survive.

Potato Beetles. Potato beetles have not yet appeared in great numbers, but they should be destroyed wherever they appear. One beetle will lay from five hundred to a thousand eggs in a season. They can be successfully got rid of with Paris green.