

that comes to net." So the various bugs and beetles that live upon *Doryphora 10-lineata*, together with the pest itself, in its different stages of growth—i.e., friends and foes, are involved in a common destruction.

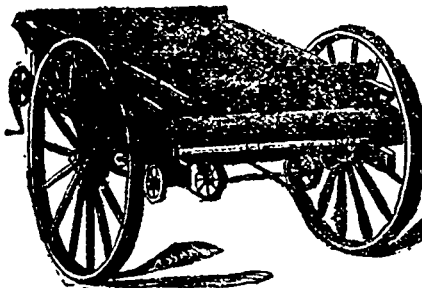
The poison generally in use is Paris green (*Arsenite of Copper*). Doubtless this is a dangerous remedy in the hands of careless people; but it is an efficacious one, and with due precaution it may be safely used. It should either be mixed with flour in the proportion of one part to forty, and dusted on the plants, or it should be stirred up in water—a teaspoonful of the poison to a pailful of the liquid—and sprinkled upon the invaded plants with a small hand-broom. Constant stirring of the mixture is necessary, as the powder is not dissolved in the water: it is only suspended.

What is known as London Purple has been recommended as a substitute for Paris green. It contains more than 43 per cent

of arsenic acid, and is therefore, a virulent poison; and, indeed, if used too freely it will crisp the plants. It is much cheaper than Paris green, and is used in the proportion of $\frac{1}{4}$ lb. to 25 gals. of water.

But there is a better insecticide than either Paris green or London Purple. It is what is called "*Buhach* or *Dalmatian Powder*." It has hitherto been too expensive for field use; but there is reason to hope that its cost will be very greatly reduced. Buhach is the dried and finely-powdered flower-heads of the plants *Pyrethrum cinerariae-folium*. The Pyrethrum is a native of Southern Europe; but it thrives in California, where it has been introduced by Mr. Miloe, a Dalmatian emigrant, who has raised, there, as much as 637 lbs. to the acre. It is recommended that for field-use 1 lb. of the powder should be mixed with 10 lbs. of flour. It is a "dead shot" to the "bugs"!

(To be continued.)



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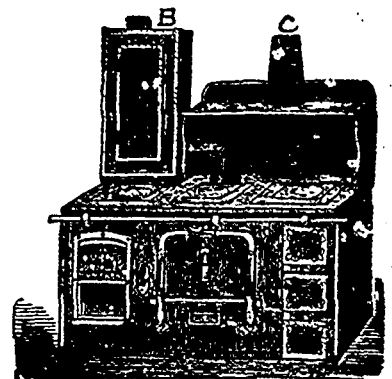
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