

The bait for cutworms in vegetable gardens and root fields is made by mixing thoroughly one pound of Paris Green in 25-50 lbs. of bran moistened with sweetened water.

For cockroaches in kitchens and pantries powdered horse mixed with sweetened chocolate is effective when the bait is scattered in the evening about the haunts of the insects.

Sponges filled with sugared water will attract ants that infest houses.

### 7. The Use of Ditches.

When fields are threatened with the army worm or grasshoppers, a ditch or deep furrow is made to good advantage. The insects falling into the ditch may be destroyed in large numbers.

### 8. The Use of Hopperdozers, etc.

In the grasshopper-infested regions of the West hopperdozers or hopper-catchers are used to great advantage. Various devices are in use, but they all agree in principle. They are essentially machines for gathering up the grasshoppers as they are drawn across an infested field. Attached to each machine is a device for destroying the insects when collected by means of coal-oil, or tanglefoot, or pitch tar.

Best results are secured by using the dozers when the hoppers are small. If infested fields are gone over frequently the damage will be reduced to a minimum.

### 9. Collecting, Digging-out, Jarring, etc.

Under this head are collected a number of mechanical methods which the careful farmer and fruit-grower employs to good advantage. Sometimes much damage can be averted by the timely picking of the eggs, larvae, or adults of insects such as the tobacco and tomato worms (*Sphinx*ids), corn ear worm, potato beetle, celery caterpillar, white grubs, cabbage hatterflies, early asparagus beetles, etc.

Again, it is often wise to cut out or burn certain insects whenever they appear. For example, web-worms, tent-caterpillars, stalk-borers, etc., may be effectively dealt with at certain stages in this way.

Sometimes, too, under certain conditions, insects can be controlled by jarring and beating the infested plants. When poisons are objectionable, this method of dealing with potato beetles, currant worms, etc., is recommended.