

**The Bee Moth or Wax Worm.**

Mr. Editor: There is such a wide-spread error among bee men in regard to the bee moth or wax worm, that something in regard to the disease and the remedy seems necessary to be said. Among all the works written on bees none, that I have seen, approximates correctness. Hence the toil and unnecessary trouble among bee raisers to keep rid of these pests.

Now, there is no such thing as a bee worm attacking a hive with an efficient queen. But when the queen dies, or becomes inefficient from age or any other cause, and the bees have no larva young enough to make a new queen; or, if the drones (the male bees) have all been killed off—as is the case after July—and the queen does not get with him, the bees become careless, neglect the hive, and the result is worms breed in the comb, and finally destroy all of it that is in the hive. Anyone with a practiced eye passing through an apiary can at a mere glance tell the queenless hives.

The only ways to keep the wax worms from destroying the comb is, first to supply the hive with an efficient queen. If this cannot be done, the only other remedy is to take the comb out.

Up to the last of June a queen can be supplied in the following manner: first, take a queen from a healthy hive, put her in a wire cloth cage with a dozen other bees from same hive, and some sponge saturated with honey; cut out a piece of comb from the queenless hive the size of an egg. Insert cage in hive and let it remain 24 hours. At the end of this time the queen may be turned loose in the hive; the bees will receive her. Another way: take a piece of comb full of young bees before they are capped; insert it in the queenless hive. The bees can make a queen.

These methods may be practiced from the last of March till the last of June. After this time I know of no way to remedy the evil.

C. PLYLER.

**THE COW PEA.**

**DOLICHOS, [SINENSIS?]**

We copy from Prof. A. R. Ledoux's Annual Report of the North Carolina Agricultural Experiment Station, for 1879, the following:

"This plant is peculiarly a 'Southern Institution' as yet, and prized as it is by some farmers who understand its value, it is nevertheless astonishing that so little use is made of its excellent feeding qualities, its wonderful power to recuperate our worn out sandy lands, and to serve as a fallow crop and weed destroyer. Its beneficial effects may be divided into two classes—mechanical and chemical.

The mechanical advantages derived from sowing the pea, are more or less those obtained by sowing any green soiling crop. They are chiefly due to the covering of the soil. Cuthbert Johnson says:

"An English farmer inadvertently left for some months a door in his fallow field; for several years after, the crops were particularly luxuriant where the door had been lying, so much so that one would have said that some rich manure had been applied to that spot."

An eminent Scotch writer (Anderson, in his *Economy of Manures*) has the following passage:

"Every practical farmer knows, or ought to know, for the facts are constantly before his observation, that land can be made exceedingly fertile without manure. He must have noticed that if any portion of the soil has been covered, either accidentally or designedly, for some time by water, stones, planks, logs, chips, brush, rails, corn-stalks, straw, buildings of every description, with hay or straw, leaves of clover, and, in fact, that upon any and every substance which has covered its surface closely, it—the surface soil—invariably becomes exceedingly fertile, and that the degree of this fertility is totally independent of the covering substance.

Dr. C. Harlan, in his excellent paper on Farming with Green Manures, calls attention to the value of this covering of the soil, in the following words:

"After reading these remarkable statements of Johnson and Anderson, above given, both men of extensive observation and intelligence, we can more fully credit the experiments of Garney, in England, upon his fields of grass."

"Green grass covered with straw gave him in one month 5,870 pounds per acre. The same kind of grass uncovered produced but 2,207 pounds. No rain fell during this experiment. Another plot gave in one month, when covered, 3,460 pounds per acre; while the rival plot, not covered, yielded but 990 pounds. Clover that was covered grew six inches, while the uncovered grew but one and a half."

"And where a certain quantity of stall dung would double the quantity of grass, the manure spread on top of the manure would increase the crop six times. He used about one ton and a half of straw per acre."

Boussingault found, upon comparing water obtained by melting two portions of snow, one taken as it fell upon a stone terrace, and the other (from the same fall) after it had lain for 36 hours upon the soil of a contiguous garden, that the second contained 100 times as much ammonia as the other. It is well known that snow has a most beneficial effect upon soils, and among other causes, Boussingault believes that it may 'act in preventing ammoniacal emanations from the soil.'—(*Journal of the Royal Agricultural Society of England*.)

"Now we can believe there is much truth in the old proverb, that 'Snow is the poor man's manure.'"

"Not having straw, nor any barn-yard

**Influence of the Mind on the Body.**

Andrew Crosse, the electrician, had been bitten severely by a cat, which on the same day died from hydrophobia. He seems resolutely to have dismissed from his mind the fears which must naturally have been suggested by these circumstances. Had he yielded to them, as most men would, he might not improbably have succumbed within a few days or weeks to an attack of mind-created hydrophobia—so to describe the fatal ailment which ere now has been known to kill persons who had been bitten by animals perfectly free from rabies. Three months passed, during which Crosse enjoyed his usual health. At the end of that time, however, he felt one morning a severe pain in his arm, accompanied by thirst. He called for water, but "at the instant," he says, "that I was about to raise the tumbler to my lips, a strong spasm shot across my throat; immediately the terrible conviction came to my mind that I was about to fall a victim to hydrophobia, the consequence of the bite that I had received from the cat. The agony of mind I endured for an hour is indescribable; the contemplation of such a horrible death—death from hydrophobia—was almost insupportable; the torments of hell itself could not have surpassed what I suffered. The pain, which had first commenced in my hand, passed up to the elbow, and from thence to the shoulder, threatening to extend. I felt all human aid was useless, and I believed that I must die. At length I began to reflect upon my condition. I said to myself, 'Either I shall die, or I shall not; if I do, it will only be a similar fate which many have suffered, and many more will suffer, and I must bear it like a man; if, on the other hand, there is any hope of my life, my only chance is in summoning up my utmost resolution, defying the attack, and exerting every effort of my mind.' Accordingly, feeling that physical as well as mental exertion was necessary, I took my gun, shouldered it, and went out for the purpose of shooting, my arm aching for the while intolerably. I met with no sport, but I walked the whole afternoon, exerting at every step I went a strong mental effort against the disease. When I returned to the house I was decidedly better; I was able to eat some dinner, and drank water as usual. The next morning the aching pain had gone down to my elbow; the following day it went down to the wrist, and the third day left me altogether. I mentioned the circumstance to Dr. Kinglake, and he said he certainly considered I had an attack of hydrophobia, which would probably have proved fatal had I not struggled against it by a strong effort of mind."—*Cornhill Magazine*.

Hay fever is so general in the North that an association known as the "United States Hay Fever Association" has been organized. It held its sixth annual session at Bethlehem, N. H., on the 26th, and the attendance was large. We hope practical results will follow.—*Wilmington Star*.

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KINGSTON, GA., Sept. 15, 1871.

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For the truth of the above statement, I refer to any gentleman in Bartow County, Ga., and to the members of the bar of Cherokee County, who are acquainted with me. I shall ever remain, with the deepest gratitude,  
Your obedient servant,  
J. C. BRANSON, ATTY at Law.

**A MIRACLE.**  
WEST POINT, GA., Sept. 16, 1870.

GENTS:—My daughter was taken on the 25th day of June, 1870, with what was supposed to be Acute Rheumatism, and was treated for the same with no success. In March following, pieces of bone began to work out of the right arm, and continued to appear till all the bone from the elbow to the shoulder joint came out. Many pieces of bone came out of the right foot and leg. The case was then pronounced one of what is called "Stillingia," and she continued about six years to her bed, and the case considered hopeless. I was induced to try Dr. Pemberton's Compound Stillingia, and was very well satisfied with its effects that I have continued to use it until the present.

My daughter was cured to her bed about six years before she sat up or even turned over without help. She now sits up all day, and walks most of her time. She is now good, and I believe she will, as her limbs gain strength, walk well. I attribute her recovery with the blessing of God, to the use of your invaluable medicine.

With gratitude, I am, yours truly,  
W. B. BLANTON.

GENTS:—The above certificate of Mr. W. B. Blanton we know and certify to as being true. The thing is so well known to the respected citizens of West Point, as to require no further proof. It is a true miracle. As much reference can be given as may be required.

Yours truly,  
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