

sive. When such is the case, he may find it greatly to his advantage to establish one or more apiaries to be worked under proper management, as a separate branch of his undertaking; but in every case, whether he may incur or share the risks of profit and loss in working an apiary or not, the thing itself can only be a source of unmixed advantage to his agricultural operations, and consequently if he does not occupy the ground in that way himself, he should be glad to see it done by any other person.

WHERE THE PURE FOOD LAW IS NOT NEEDED

The shameless manner in which articles of food have been adulterated has called forth the stringent regulations of our national pure food law. General satisfaction with the provisions of the law has been expressed by the public, but that satisfaction is tempered somewhat by the knowledge that the best legal talent and the keenest qualities of human ingenuity are exercised in these days in finding ways to evade the law. What the ultimate result of the pure food law will be cannot now be known. Time alone will tell.

It is interesting in this connection to note the fact that in the case of comb honey the provisions of the pure food law do not, and, in the very nature of things, cannot, apply. The fact that honey is stored and sealed in honey comb is in itself a sufficient guarantee of its purity. This statement is made all the more interesting in view of the fact that it is very generally believed that comb honey can be adulterated.

Comb honey is the product of the hive bee under human direction and management. The little cells in which honey is stored are built up by the bees themselves of pure white wax. This wax is a secretion of special glands in the body of the bee. By skillful handling in the "pinchers" located in the lower part of the bee's head, this wax is drawn out to the

thinness of fine tissue paper. The cells are six-sided in shape, and, in the majority of cases, are about one-fifth of an inch in diameter. They fit so compactly together that but a single thickness of wax is needed at sides or bottom, thus economizing both space and material.

Man's care and intelligence in the management of bees is rewarded in the finished product of the hive, pure comb honey. It will add much to the enjoyment of the one who eats comb honey to know that when once the seal has been placed on the cell by the bees, it is beyond the power of man to modify the contents without breaking the seal. The seal once broken, it is beyond his power to replace or counterfeit it.

With comb honey before him, the seal of the bees intact, the lover of nature's choicest sweet may eat to the full. He knows that upon his food he has the seal of authority higher and more binding than could be placed there by any human legislation.

HOW MUCH SUGAR WILL IT TAKE?

I have heretofore wintered my bees out of doors, but will this winter use a cellar. I intend also to use **all sugar** for stores. I would be obliged if you would favor me with the number of pounds of sugar that should be fed to each colony to serve till June 1st. Should you favor me with the above information I shall be exceedingly pleased.

[The above question was sent by an Ontario bee-keeper to Mr. Wm. McEvoy, who has kindly sent it on to the C.B.J.] We would like to have had Mr. McEvoy's answer. He did not, however, send it. From the tenor of the above question we take it to mean that it is the intention to extract from the brood chamber in order that the bees may have "a sugar" for stores. In that case we would say that a hive of eight Langstroth frames should have at least forty pounds of sugar syrup, which would require approximately about twenty-six pounds

of sugar to eat slowly and by quired, as much feeding larva. with a rush, up, and the quantity the above might chamber is not course, the amount upon the amount combs. In which feeding them a which might be five to thirty-five syrup for winter one of water. boil. Then render cool. If possible warm.—Ed.]

THE WORK OF CHARITY

We are asked as a work of charity

The Sisters of from England laquest of the Arc and the Bishops the approbation of the Catholic whose headquarters, Hintonbur our readers are a brought over from the summer n The boys are pl and the girls in d child is importe is exercised in use of good phy: istics are accept immigration. Canada usually rai but occasionally who would be in special cases placed out unc ording to their amount of wor