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Feeding Bees in Their Winter Quarters .. iddle. 

on, or The following circular on feeding s ven es in their winter quarters has ciation en issued at the experimental farm, about tawa where a number of very organ reful experiments in apiculture e being conducted by Mr. J. Fixter. ap Owing to to he past unfavorable Wm ason for honey gathering in the R.H. tawa valley many letters have been

few colonies of bees, stating that were hen carrying their bees into winter For arters they had discovered there eight inot seem to be sufficient store of veight not seem to be sunction store of veight ney in the hive to carry the bees. For rough the winter. To gain inforeave ation as to the best method of overt the ming this difficulty the following by a periment was tried with six strong tering lonies of bees.

E. T. ceived from people who have only

it by Four frames of sealed honey were g that ten from each of the six colonies y we wing the cluster on the four reining frames. The four frames mem re left in the centre of the hive kep h a division board at each side and ne light packing was placed belent en the division boards and the ione es of the hive. The wooden covwere removed and a large , die polis quilt made of heavy canvas ced over the top of each hive. came er the top of the propolis quilt and ra packing was placed to keep in were the heat, absorb moisture and vent draughts or upward ventiln. The bottom boards were left as they came from the bee yard

> he experiment was as follows:-Two colonies received maple

ar of the best quality,

ying the entrances wide open.

Two colonies received candied ey and sugar,

3. Two colonies received partly filled sections of honey.

Each colony when put on this test weighed 31 lbs and each was given 5 lbs of its particular food to start with. The experiment lasted from November 18th., 1902 to March 22nd.,

The two colonies fed on maple sugar consumed 111 lbs. each, they were examined every two weeks and water added to the sugar through holes in the tops of the cakes keeping it soft and moist.

The two colonies fed on partly filled sections of honey consumed during the same time 144 lbs each. There was for several reasons considerable waste in this test and if partly filled sections could be sold even at a reduced price it would be advisable to do so instead of feeding back.

The two colonies that were given candied honey consumed 103 lbs each. The candied honey was moistened at intervals which made it easier for the bees to suck up. Candied honey is made as follows: -Take good thick clover honey and heat (not boil) it until it becomes very thin, then stir in fine granulated sugar, after stirring in all the sugar the honey will absorb, take it out of the utensil in which it has been mixed, and thoroughly knead it with the hands. The kneading makes it more pliable and soft so that it absorbs or rather takes up more sugar. The kneading operation with the adding of fine sugar should be continued until the dough is so stiff as to be quite hard to work. It should then be allowed to stand for a day or two, and if at the end of that time it is so soft as to run or be sticky a little more sugar should be kneaded in. It should be cut into convenient sized cakes and placed on top of