

hold of the wax, the grain being broken by the stretching or kneading it gets passing through the process of making.

5th. To secure a crop there must be a honey flow, and we must know about what time or date it will commence and its duration and govern ourselves accordingly. Now is the time to use our judgment aright. Give the supers as soon as the bees will occupy them and as fast as needed and not before or faster, just keeping a little in advance of the storing by the bees, and if you want the cappings to be fancy white, take supers of as soon as the honey is capped.

Friends, you will permit me to state that neatness and cleanliness will be a great factor in producing choice comb honey. This paper is not a large one, but I think it will lead to discussion, and that, I think, is the object of our gathering here.

Respectfully

J. W. HALL.

Woodstock.

Mr. McKnight—Have you, or any of the rest of the gentlemen, Mr. President, found that honey taken from cappings is, as a rule, thinner than the general average of honey in the supers?

Mr. Hall—Yes, until after it passes through the super and then it is thicker.

Mr. Alpaugh—If you use a honey knife dropped in water it will be thinner; if you do not, it will be just as thick if not thicker.

Mr. Darling—I have never used a knife dropped in water.

Mr. Alpaugh—I invariably use a knife dry.

Mr. Newton—I would like to stand in with Mr. Alpaugh. I did not think to mention it as regards having the extractor perfectly clean; I think that is one great point. Mr. Chrysler is behind me and he whispers in my ear something about solar wax extractors coloring the wax. It will be just the same as Mr. Alpaugh spoke of if you do not keep your screen clean. I always have a rag underneath my extractor, and I never turn it to the sun without rubbing the tin and also the glass at the same time, and then everything is perfectly clean. After melting my wax I throw my screen down and pour water on it to clean the screen.

Mr. Chrysler—If your wax is not shaded and it is allowed to remain from day to day in the receptacle and the sun gets at it, it will turn the wax dark.

Mr. Newton—I hope there are no bee-keepers who do that. We need our solar

to put it in use instead of leaving the wax in there day after day.

Mr. Holtermann stated that he thought Mr. Hall was putting up a man of straw. As far as he knew, no supply dealer had said that some particular hive was the all requisite and prime essential in the production of comb honey. A firm that was going to be a success, not for one or two years, but a long time, must build on a solid basis, and that compelled them to advocate what was in the best interests of bee-keepers.

Mr. Hall claimed that the supply dealers were blinded by their hobbies.

In comb foundation Mr. Hall claimed that the Ottawa experiments favoured the heavier foundation.

Mr. Holtermann stated that Prof. Shutt admitted that in their tests they had ignored what advantage or disadvantage there was in a thick or thin foundation. A very important consideration.

A discussion followed on hives during which no converts were apparent.

A hearty vote of thanks was rendered Mr. Hall for his paper, also his answers to questions.

The freight rate committee reported that they had succeeded in getting the freight rate on barrels reduced.

The officers were elected. The list has already been given.

Guelph was selected as the next place of meeting.

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Mr. McEvoy—I would like Mr. Hall, Mr. Newton, Mr. Post and Mr. Hoshal to tell me about how much more section honey they get by filling the sections full of foundation than by using starters.

Mr. Best—In my opinion, just about double.

Mr. Newton—I can only say I don't know.

Mr. Post—I have tried everything from starters to full sheets and I certainly think you get 100 per cent more honey.

Mr. Hall—I don't know. When I first got foundation I read the books and they told me to put in a three cornered piece of wax and put it on the top and I was fool enough to take that advice. I put some in the brood nest that year and I was afraid to look at it for fear it would fall down.

Mr. Emigh—I could not answer the question as I have never used anything except full sheets.

Mr. Sparling—I am in the same position, very much; I have hardly used anything but full sheets, but I do not imagine that