Feeding for Winter Stores.

-G. A. Deadman.

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Unfortunately for many bee-keepers feeding bees for winter stores has to be resorted to. In this locality, there is generally little or no honey gathered after the basswood has ceased to yield her sweets. I say generally, because during my fifteen years exterience with bees, there was one year when the white clover continued to bloom into September, and as the queen gradually withdrew to the inner frames to deposit her eggs, the outer combs were filled with honey. o that when she cessed laying, there were few We always weigh cells that were empty. our colonies, deducting one and onehalf pounds for each frame (size, 12½ x 10½) and bees. The weight of the hive is added to this and the balance is the estimated amount of honey. This should be done as early in September as possible, and then if you want to make a sure thing of it, gain in October. Unless you have made in allowance for the brood, they will protably hive, and especially where colonies have young queens, you are apt to come whort. There are three advantages in feedingearly in September. One is the weather smore favorable for the bees properly caring for the stores given them. Another knefit is the queen is encouraged to lay, or wher the bees are encouraged to care for be eggs laid, for I have had many examles of where the queen has continued layng long after the bees would cease to care or the eggs. I suppose she would finally or the eggs. keome discouraged and wait, possibly to gin again in October, but oftener the folowing spring. Feeding early encourages reeding in September that will hatch early october, the best month, I believe for intering in the northern latitude. Still mother advantage is, the centre combs being copied with brood, the bees are prevented cupied with brood, the bees are prevented on storing the feed in them. These mbs when emptied of their broad afford a ting place for the bees to cluster on or in, rit must be remembered that it is much ore difficult for a colony of bees to retain to necessary warmth in full frames of We can readily understand this if remember that the bees go in head first the cells, the base of which is only be-ten them and those on the opposite side.

Was to the feed. I will not say anything this article for or against making it by colation, as I have had no experience cept in a small way in connection with ewing business. The way I have made

it for years, and have had no trouble from candying, souring, or anything else, is as follows: I take the best granulated sugar (I prefer Redpath's. Some makes contain blueing) and for every two pounds of sugar, I use one pound of water. I proceed as follows: I have a large can with a tap to it, -an extractor will do. I take a boiler (size used for washing purposes) and fill it about one-third with spring water. It is weighed, deducting the weight of the boiler, and when it is nearly to the boiling point, I drop in double the weight of sugar and stir occasionally till it comes to a boil, when it is taken off and poured into the large can, and I proceed again, always keeping plenty ahead which is a decided advantage as I have some always to mix with the hot so as to render both the right temperature for feeding. I think "blood heat" is about right unless the weather is cold and the feeders will cool it much. Of all the feeders. I prefer a box about one and one-half inches high, the size of the top of the hive. By making it with a double side, and a space between for the bees to come up, you have a feeder that, when covered, not only retains the warmth in the hive, but which facilitates rapid feeding. I then cut the desired length I prefer to any other as a float, to enable the bees to have ready access to the feed. Have a smaller can with a top to it, with which to take the feed when ready to the apiary. When placed on a wheelbarrow or other vehicle. you are in a position to do quick work. The allowance for each colony is 30 lbs, less the amount they have. Since making up to 30 ths for winter stores I have not lost a colony from starvation, and have my mind at ease even though the winter should linger "in the lap of spring" and I should be unable to remove "my pets" from their winter quarters. Care should be used in having colonies snug and warm during and after feeding. If weighed again during the latter part of October I would consider twenty pounds of stores sufficient to carry them over till spring and of course in many cases it would be twice too much, but I would not feel safe with less.

Brussels, Ont.

I ought to tell you that the crop of honey is very small here this year. There is no clover. I have never gotten less from my Fifty colonies gave me about fifteen pounds of honey per colony and the balance gave me nothing at all.

SAM BRABANT.

Beauharnois, Que., Aug. 11, 1894.