

## WEIGHT FOR WINTER QUARTERS.

(12.) When you say a hive with 7 frames should weigh, when put into winter quarters, 60 to 65 pounds, hive and all, do you mean with the cover on?

Yes.

## ITALIANIZING.

(13.) I want to Italianize my bees next spring. Towards what date should I buy the queens? I wish to have them as early as possible in order to have all Italians not late in summer.

June and July.

## QUEEN REARING.

(14.) With my queen nursery do you think that I will be able to rear queens for the first nucleus that I will have. Generally the bees commence swarming towards the 10th and 20th of June. Towards what date should I commence queen rearing?

It would be better to get your strongest colonies so strong that they will raise enough queens for all the rest before the others got ready to swarm.

## SULPHURING OLD COMBS.

(15.) Do you sulphur your old combs before putting them into the hives?

We do not unless there are moths in them which we wish to destroy, which is seldom the case.

St. Ann de la Pocatiere, Que.

## PACKING IN CELLAR.

A. FYFE.—I write to advise you that all the colonies of bees purchased from you last fall are in splendid shape and seem to be nice and dry. The cellar has been on the cold side; taking the temperature on an average it has stood 40° above zero. I have the cellar well banked. When I put the bees in the cellar I placed a board at front and another at the back of each row of hives, leaving a two inch space, this I filled with dry chaff. I also put on cushions filled with same material. I think this should make up for the deficiency of heat. I left the entrances wide open, have a three inch pipe running from the stove pipe above down into the cellar which I find makes a great improvement, seeming to draw off the bad odors leaving the air in the cellar pure; occasionally on fine warm days I gave them a little fresh air. Quite a number around here have lost their bees already—want of stores. I like the JOURNAL very much and think it is improving every week, it is something like a fellow going to see his girl, the oftener he sees her the more he appreciates her.

Harriston, Ont.

Well, friend Fyfe, we had no idea that you knew how a fellow feels when he goes to see a girl, because you never availed yourself of any of the many chances you had when in Beeton, and we fancied you were one of those peculiar individuals known as "woman-haters." The way you arranged your bees will doubtless be equal to four or five degrees of heat, so that if the thermometer stands at 40° it may be equal to 45° of heat.

## SIX COLONIES FROM ONE.

JOHN V. BATTRAM.—Last year from the one colony I purchased of you, I had three swarms, and the first of these swarmed twice as well. So I have six colonies in all, put away in clump with pine sawdust. Last Friday and Saturday they had a good fly, as the snow had all left the ground. They flew just as well as in summer, and to all appearances are all very strong, indeed some of them seem too strong. Last swarm came on August 22nd, and when hived filled two-thirds of the hive with bees. This was the second one from the first swarm. They filled about five frames. I fed them by giving them eight sections from the old hive and one full frame of honey. I took thirty-two one-pound sections and two full frames of comb honey from the old hive. I could have taken about twenty pounds from the first swarm, and fifteen pounds from the second, from the old hive, but did not think it best to do so. When I put away the six hives they must have averaged over fifty pounds each. I never saw bees make honey faster than they did from Sept. 1st to Sept. 20th from fire weed and golden-rod, of which there is an abundance around here.

Brigden, Ont. Feb. 20th, 1886

## SETTING OUT IN SPRING.

A SUBSCRIBER.—How is it best to proceed to set out from fifty to one hundred colonies of bees in the spring? How many is it safe to put out at one time and what time of day should it be done?

We select a day after the snow has all disappeared, the wind in the south, southeast or southwest, with no indications of rain and the thermometer ranging from 60° to 70°. We then close all the entrances and carry the hives out as quietly as possible setting them on their summer stands. Sometimes when there is every prospect of continued fair weather we move them before day light. They might even be set out in the evening. When moved