

told just 64 cents each, whilst the same hive was quoted in Root's catalogue at \$1.60 or \$1.25 each in lots of 100. He does not pretend to say however that manufacturers could sell much cheaper than they do, owing to many items of expense such as interest on capital etc., termed usually as "overhead expenses." Of course the beekeeper has none of these to take into account. Another factor is that labor is not very important to majority of bee-keepers in winter time, the most of them having very little to do at this time of the year. While some may undoubtedly make their own hives profitably, there are others like myself who are unfortunately bunglers with tools. In this case it is probably better to have hives made by competent workmen and avoid bother and vexation incidental to having ill-fitting fixtures in the apiary.

#### EXTENSIVE BEEKEEPING

In glancing over report of the National Association, for 1903, one is enabled to see how our cousins across the line do things. California leads in the matter of extensive producers, Arizona being a good second. There are thirty bee-keepers listed who have from 500 to 1580 colonies each, a total of nearly 25,000 colonies, i.e., an average of over eight hundred each.

Aside from these there are just as extensive apiarists who have not reported.

Some examples as to individual yields are as follows: Wm. Rohrig, Tempe, Arizona 72,000, extracted; T. F. Arundell, Fillmore, Cal., 64,000 extracted; L. E. Mercer, Ventura, Cal., 100,000 extracted; M. H. Mendelson, Ventura, Cal., 90,000 extracted and 22,000 comb; W. T. Richardson, Moore Park, Cal., 84,000 extracted; W. D. Moffat, Pomona,

Cal., 80,000 extracted; H. H. Hyde, Floresville, Tex., 10,000 extracted and 75,000 comb; N. E. France, Platteville, Wis., 54,000 extracted; W. L. Coggsall, West Groton, N.Y., 56,000 extracted and 1,000 comb; with scores of others running from twenty-five to forty-thousand each.

#### THE HONEY MARKET

A glance over the market reports of the different journals seems to indicate that the honey market is pretty much the same all over the continent viz. very dull.

Bearing on this subject, Editor York in A. B. J. has the following to say: Certain very good people are urging bee-keepers to keep more bees "That is all right for some, but! we believe what the majority of bee-keepers need first is to develop a better and more remunerative market or demand for the honey their present number of colonies produce." Bro. W. Z. H. kindly take note of foregoing and consider seriously if it is not about correct.

#### A SEVERE WINTER

More than likely those chaps who winter their bees in the cellar are laughing "up their sleeve" at us fellows who have our bees out doors. From Nov. 27th to date Jan. 22 there has only been one day that the mercury has went above the freezing point. During this time we have had many days of zero weather. Three different times the thermometer has been from 20 to 25 below zero. While the balance of winter will have much to do with wintering results, so far the bees apparently seem to be standing the extreme weather quite well.

Why is it that we often see apiarists further south complaining of bad results if their bees are shut in for five or six weeks, while here is Ontario