

a record, I would like them to give an estimate.

DR. C. C. MILLER, MARENGO, ILL.—From 30 to 40 lbs. It has been very small for a few years.

S. CORNEIL, LINDSAY.—About 60 lbs. extracted in ten years, during which there were three blanks. Smaller.

A. B. MASON, AUBURNDALE, OHIO.—With the exception of the last two years the average has been getting slightly larger.

PROF. A. J. COOK, LANSING, MICH.—About 75. For the last two years it has been very light, but I do not expect it to continue so.

W. M. BARNUM, ANGELICA, N.Y.—(1). I cannot say positively, but to give an estimate would say 20 lbs. (2). Yes; increasing in ratio of modern hives.

G. M. DOOLITTLE, BORODINO, N.Y.—About 75 lbs. per colony of comb honey each year. Smaller, for the eight years previous to 1879 gave an average of over 100 lbs. per colony each year.

JAS. HEDDON, DOWAGIAC, MICH.—In and about my locality I estimate the average crop as steadily decreasing during the last ten years. We hope there is a better series of years just before us.

J. E. POND, NORTH ATTLEBORO, VT.—I have no means whatever of knowing, and cannot even guess, although I am a Yankee. Massachusetts gives a very small amount of honey compared with other States.

EUGENE SECOR, FOREST CITY, IOWA.—About 50 lbs., actual record. I believe there is not much if any difference in the yield, now and formerly, in this locality. Some honey flowers are decreasing while others are increasing.

G. W. DEMAREE, CHRISTIANSBURG, Ky.—The three past years have been, out of all proportion, poor years, and from this cause it is hardly fair to embrace them in a ten year's average, because three years together is unusual. But taking the past ten years, including the three unusual years, the average has been fifty pounds, as near as I can fix it.

ALLEN PRINGLE, SELBY, ONT.—The average would probably be not far from 50 lbs. per colony. Probably a slight increase of average, over the previous decade. It is impossible to give more

than an approximate answer to such questions. Had the past three years been equal to the remaining seven of the decade, instead of "slight increase" it would be "large increase."

J. K. DARLING, ALMONTE, ONT.—If it is the average per colony that is wanted I will give mine for the past six years and I think it is a fair average for this locality. 1883, 71 lbs. per colony, Spring count; 1884, 45 lbs. per colony; 1885, 43 lbs. per colony; 1886, 23 lbs. per colony; 1887, 16 lbs. per colony; 1888, 2 lbs. per colony. Some bee-keepers have taken more while others have taken less.

R. MCKNIGHT, OWEN SOUND.—I should say 50 lbs. per hive will cover the average and it is probably getting neither larger or smaller. We may safely infer that the average of linden honey is less than it was ten years ago, because basswood has been largely used in the manufacture of lumber in the meantime, and is therefore reduced in quantity, but the increased area under white clover and alsike makes up for the loss on linden.

WM. McEVoy, WOODBURN.—Some fifteen, some forty and a few first class bee-keepers that took the very best of care of their bees have averaged about seventy-five pounds to the colony. The average for the ten years before 1878 was very small, because honey extractors, comb fdn., and section boxes, were not much used then, and many kept their bees in box hives. In the last ten years there has been a greater circulation of bee journals and frame hives, honey extractors, comb fdn. and section boxes have come into general use everywhere, so that the average was getting larger in the last ten years. 1883 was the best honey season ever known and the last season was the worst.

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## SUNDRY SELECTIONS.

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### PORK BARRELS FOR HONEY.

A READER.—Will zinc do to store extracted honey in? If not, will a coating of beeswax make zinc all right?

No, we think it very objectionable. Would prefer good tin. A coating of beeswax would help to prevent the acid in the honey from penetrating the zinc, yet we would prefer not to use it even then.

Do barrels need any inside preparation for storing extracted honey?

It always pays to coat barrels with wax or paraffine before putting in honey.