THE EFFECT OF SELECTION IN PURE-LINE OAT WORK.

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The object of this discussion is to give additional evidence on an old problem. It is not likely that it will do more than to strengthen your present views. The Michigan Experiment Station has some evidence in oats that should be in the hands of all.

The problem, to state it more clearly, is as follows: We plant individual oat seeds so that these seeds may have equal chance to grow into separate plants. We make individual selections that are to become mothers of pure lines. These lots are planted in separate plots and the seeds are also planted individually, that individual selection may be made from these pure lines in the following year. This process is continued yearly for a period of say ten years. Each year the line of descent passes through a selected individual plant. Each year the aim is to select the best. At the end of that time, will the