

Canada's Great Eastern Exhibition Sherbrooke, Que.

SEPTEMBER 4th to 9th, 1899

The Poultry Department of this year's Fair will be Second to None in the Dominion.

Improved Prize List. Increased Accommodation.

Mr. Sharp Butterfield, of London, Ont., Expert Judge

Entries Positively Close August 28th

For Prize Lists and other information, apply to

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POULTRY FROM A PRACTICAL STANDPOINT

CONDUCTED BY A. G. GILBERT, MANAGER POULTRY
DEPARTMENT, DOMINION EXPERIMENTAL
FARM, OTTAWA.

Note—Mr. Gilbert is nothing if not practical and experimental. He will from his rich store of information on the subject of "Practical Poultry," give REVIEW readers each month the results of his experience for the past thirty years. He will be glad to answer questions or afford information on any particular subject.

WHEN IS AN EGG FERTILIZED.

IMPORTANT OPINION BY PROF. WESLEY MILLS,
M'GILL UNIVERSITY.

SOME time ago Mr. H. W. Collingwood, the managing editor of "The Rural New Yorker," sent me an article by Mr. O. W. Mapes, in which the following statement occurred:

"Can any one tell us at what stage of development the egg is fertilized? Is it before or after the white begins to form? It would seem that, after it is fertilized, it would be necessary for the egg to be finished and laid, on the same principle that a pregnant animal must give birth to her young. I am satisfied that no hen ever yet laid an egg until a group of eggs from the ovaries have been partially developed. I am also satisfied that this following group of partially-developed eggs is reabsorbed in the circulation, when the hen quits laying."

Mr. Mapes described a hen that was laying regularly. She was given nothing but water for ten days. She laid only one egg. She lost one pound in weight, and contained no eggs larger than a pea when killed."

I sent the article to Prof. Wesley Mills, of McGill University, of Montreal, with a request for his opinion on the subject. With his usual kindness Dr. Mills complied with my request and sent me the following, which I forwarded to Mr. Collingwood and which I