

BALL MUSTARD.

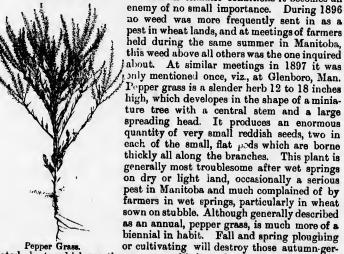
This is one of the new weeds in grain fields. From . the rapidity with which it has spread all through the west, there is no doubt that it is a weed which must be fought vigorously by farmers. It is alarmingly abundant in Manitoba and the North-west Territories wherever wheat is grown. Specimens have also been received from British Columbia, Ontario and Prince Edward Island. Ball mustard is a rather slender erect annual (or winter annual) two or three feet high. The leaves on the stem are arrow-shaped and are covered with star-shaped hairs. The flowers are orange yellow, so that the plant is easily recognized at (b) distance when growing in a crop; they are about a of an inch in diameter and are borne in clusters at the ends of the branches. The small roundish, singleseeded pods on slender footstalks are borne thickly all along the gradually lengthening branches.

The cut shown herewith has been kindly loaned by the United States Department of Agriculture, and was first used in Circular No 10 by Mr. Lyster H. Dewey, "Three New Weeds of the Mustard Family" to whom our thanks are tendered.

The cut shows at a the tip of a plant a quarter of the natural size, at b a pod natural size and at c a seed enlarged.

PEPPER GRASS.

This plant is a native annual or winter annual. As a rule it is not very troublesome in crops: but under certain climatic conditions it becomes an



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