

Experimental Farms.

The land occupied by oats in this province was nearly equal to the acreage devoted to all the other cereals combined. There are many varieties of oats in cultivation and some of them are much more vigorous and productive than others. One distinguishing feature is that of colour, some being black, others tawny or yellow, but the greater part are white. These are further distinguished by the way in which the heads or panicles are formed. Until recent years only the branching and sided varieties were known, but now there are intermediate forms. In figure 2, we have a representation of a branching



FIG. 3.—Half branching Oat, Oderbruch half natural size.



FIG. 4.—Sided or mane oat Giant Cluster—half natural size.

oat known as the American Beuty. Many of the most productive sorts belong to this class, viz., the Banner, Improved American, Holstein Prolific, Improved Ligowo, Golden Beauty, Columbus, Wallis, American Triumph and Bavarian. Figure 3 represents the Oderbruch, which is a half branching variety; the Early Gothland is another example of this class.

In figure 4 is shown a "Sided" or "Mane" variety, known as the Giant Cluster; other familiar examples of this form are the Golden Giant and the Black Tartarian. An intermediate form is seen in figure 5, which is known as half sided and represents