NOTES

A DWARF OAT FOUND IN A NOTEX-VICTORIA CROSS

An interesting dwarf oat plant was found in 1934 in a mass hybrid planting in the sixth generation of the cross, Nortex x Victoria, at Texas Substation No. 6, Denton, Tex. The cross was made by F. A. Coffman, Agronomist, Division of Cereal Crops and Diseases, Bureau of Plant Industry, U. S. Dept. of Agriculture.

The dwarf strain has been grown three seasons and continues to breed true. The dwarf plants (Figs. 1 and 2) are about half the height of Nortex, the shorter of the two parents. The culms are rather thick, stiff, and strong; the panicle is very short and compact; the florets are short and plump, with outer glumes frequently wanting; awns are very short and weak, or absent, in contrast

Fig. 1.—Rows of Victoria oats (left), dwarf (three center rows), and Nortex (right).

Fig. 2.—Panicles and spikelets of Nortex (left), dwarf oat (center), and Victoria (right).

*Technical Series No. 446, Texas Agricultural Experiment Station.

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