

1. Vg Sterile.

Vestigial Glume material from R. R. St. John, referred to by J. E. Wright, News Letter 1954, yielded "normal" glume, male-sterile segregates. These segregates were then outcrossed to a number of inbred lines. Back crossing was continued with these recurrent lines for several generations. The reaction of Vg sterile to fertility restoration appears to follow the pattern of A-type (U.S.D.A.) cytoplasm sterility but not T (Texas). This seems to agree with the data from Ames, Briggles thesis, 1953 (unpublished).