

#### 4. Tests with unlinked characters.

F<sub>1</sub> tests between a crinkly-leaved dwarf and TB1a show it to be in the long arm of chromosome 1. It has not been tested for allelism with br. In using the TB translocations [sic] to locate genes, it should be noted that if the F<sub>1</sub> tests are negative, an F<sub>2</sub> will determine if the gene is in the nontranslocated portion, if not too far away from the break.

Several new characters are being tested for linkage with T2-6a and T2-6d. These test the long arm of chromosome 2 and should test the entire chromosome 6. An expanded tassel glume character, a narrow-leaved many-tillered character, and midget show no linkage with either of these translocations. Earlier tests had indicated midget might be in chromosome 6.