

## 1. Mutations in teosinte derivatives.

Spontaneous mutations continue to appear in the inbred strains into which one or more teosinte chromosomes have been introduced through repeated backcrossing. From populations totaling something less than 2000 plants we have now gotten the following mutants: 23 defective seeds, 1 albino, 1 virescent, 1 pale green, 2 dwarfs, 1 male sterile and 3 translocations.

A number of these mutations, like the "alleles" at the Wx-wx locus reported by McClintock, are unstable, reverting to various degrees of normality. For example, one of the defective seed types mutates to normal and perhaps even to "super normal" seeds. The pale green mutates back to normal or near normal green.

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