

1. Cg (corn-grass) gene in chromosome 3 linkage group.

Three point backcross linkage data on a population of 335 plants gave 5.2% crossing over between d_1 and Cg and 26.8% crossing over between Cg and lg_2 . From the known relations between the d_1 and lg_2 loci and from the fact that the crossover classes of + + + and $d_1 Cg lg_2$ are the least frequent, it may be inferred that the order of the genes is $d_1 Cg, lg_2$. The total of 32% recombination between d_1 and lg_2 agrees closely with the 33% obtained by Brink (1933) between these latter 2 genes.