

1. Dotted r

It now seems most likely that an r stock produces dotted kernels similar to the dotted a condition. This strain arose as a segregate of a BNL3 X BNL1 cross. The aleurone constitution of these stocks was A C r pr X A C R Pr. The BNL1 which was also BP1 was grown in the radiation field and received 2.9 r/d of γ radiation. This amount of radiation produces no detectable effect on endosperm mutations. However, it may have induced the dotted condition. It is being tested further. Seed stocks are available to anyone interested.