

IV. REPORT ON MAIZE COOPERATION

During 1975 the Maize Genetic Cooperation received 157 requests for maize genetic stocks. There were 121 (77%) domestic and 36 (23%) foreign requests. The distribution of domestic to foreign requests has been rather constant for the past 10 years. The number of requests in 1975 increased 17% over 1974. Requests from geneticists were 54%, physiologists 13%, plant breeders 26%, and educational 7% of the total number of requests received. A total of 1744 seed packets were sent to fill requests; 64% of the total was for domestic and 36% for foreign requests.

Seed stocks of B-A translocations and trisomics along with certain chromosome tester stocks were increased in 1975. In addition, about 50 stocks of reciprocal translocations with low seed viability were increased. Also, allele tests were made with a large number of endosperm mutants that have accumulated in the collection over the past several years.

A list of reciprocal translocation stocks available from the Co-op is published in the Co-op Newsletter report volume 43, 1969, or is available upon request.

Requests for seed and correspondence relative to the stock center should be addressed to:

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