

V. REPORT ON MAIZE COOPERATIVE

During 1973 the Maize Genetic Cooperative received 144 requests for maize genetic stocks. There were 109 (76%) domestic and 35 (24%) foreign requests. Requests from Geneticists were 60%, Physiologists 17%, Plant Breeders 10% and Educational 13% of the total number received. A total of 1577 seed packets were sent to fill these requests. On a percentage basis 66% of the seed packets sent were for domestic and 34% for foreign use. In the past twenty years 2,120 seed requests have been received by the Maize Cooperative. A total of 25,785 seed packets have been sent in the past twenty years to fill these requests.

Seed stocks of chromosome 10 and some additional stocks were grown for increase in 1973. In addition, certain selfed cultures were grown to find new or lost traits in the collection. In addition, certain cultures increased in 1972 were grown to confirm mature plant and seedling traits. This procedure insures that confirmed stocks are available to fill seed requests. Also, certain reciprocal translocation stocks with low seed viability were increased.

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

Requests for stocks or correspondence relative to the stock collection should be addressed to:

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