

2. Canvass of exotics for Dt genes.

A series of 42 exotics from Central and South America which had been prepared in F_1 's with an a dt tester by P. C. Mangelsdorf were crossed on d^n dt in the hopes of finding other *Dt* or *Dt*-like genes. The F_1 's included the following number of accessions: Argentina (1), Bolivia (6), Brazil (5), Colombia (9), Ecuador (5), Guatemala (1), Honduras (1), Mexico (2), Peru (8), and Venezuela (4). All of these gave negative results except for one from Brazil which showed clear dotting on one half of the colorless seeds. The linkage of this *Dt* effect has not yet been tested.

M. G. Neuffer