♀ \ ♂	1/2(1-x) Wx 4^9a 9^4a	1/2(1-x) wx 4^9b 9^4b	x Wx wx 4^9a 9^4b	0 4^9b 9^4a
1/3 Wx 4^9a 9^4a	Wx	Wx	Wx	--
1/3 4^9b wx 9^4b	Wx	wx	Wx	--
1/3 Wx 4^9a wx 9^4b	Wx	Wx	Wx	--
0 4^9b 9^4a	--	--	--	--

G. G. Doyle

6. New sources of ae.

Two new sources of ae have been found in an exotic strain Bolivia 561, NRC No. 9815 and a South African open-pollinated variety, Potchefstroom Pearl, PI 221825.

M. S. Zuber

7. Mutants recovered in the selfed progeny of chemically and x-ray treated seeds.

In an earlier experiment (MNL 36, p. 57, 1962) Yg_2 yg_2 and Wd wd seeds were treated with ethyl methanesulfonate (EMS) and diethyl sulfate (DES). The frequent yellow-green and albino sectors on the leaves of the treated plants were regarded as phenotypic expressions of the mutation or loss of the dominant genes.