

Table 2 Germination and sector rates after mutagen treatment of maize seeds

Mutagen	No. of seeds treated/planted	Stand count at 4-leaf stage	Germination rate (%) (% of control)	No. of <i>Oy1-N700/Oy1</i> heterozygotes <sup>a</sup>	No. Of plants with visible pale-yellow or white sectors (% of plants with sectors)
Untreated Control	5,000	3,923	78 (100)	2,161	0 (0)
2 mM/24 h Sodium azide	10,000	4,720	47 (60)	2,621	129 (5)
12.2 mM/8 h ENU <sup>b</sup>	10,000	7,660	77 (99)	4,030	107 (2.6)
150 Gy Gamma-irradiation	10,000	7,425	74 (95)	3,899	231 (5.9)

Note: <sup>a</sup>Expect *Oy1-N700/Oy1* heterozygotes and *Oy1/Oy1* wildtype to segregate 1:1 in a backcross population;

<sup>b</sup>N-ethyl-N-nitrosourea