

Figure S1. Region-wise production share of Cowpeas (Average 2005–2016).

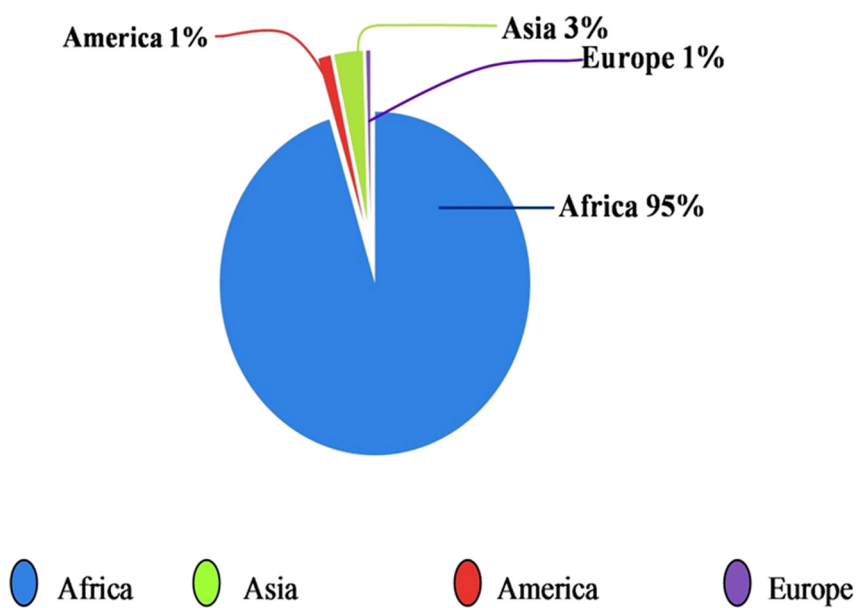
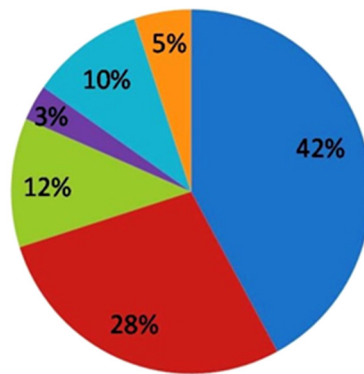
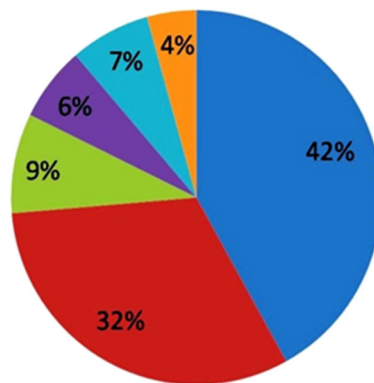


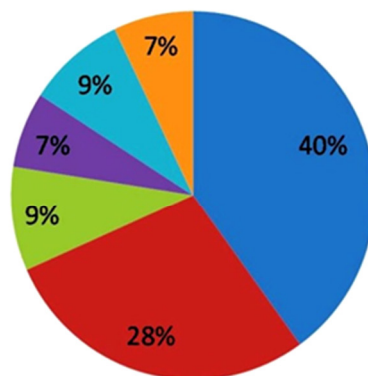
Figure S2. Field layout and pattern of seed sowing in a randomized complete block design (RCBD) for each cultivar (Source: Raina et al., 2020. <http://creativecommons.org/licenses/by/4.0/>).



Gamma rays



SA

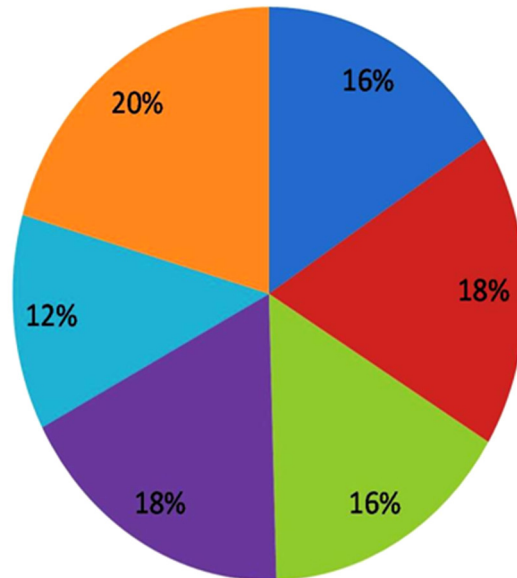


Gamma rays + SA

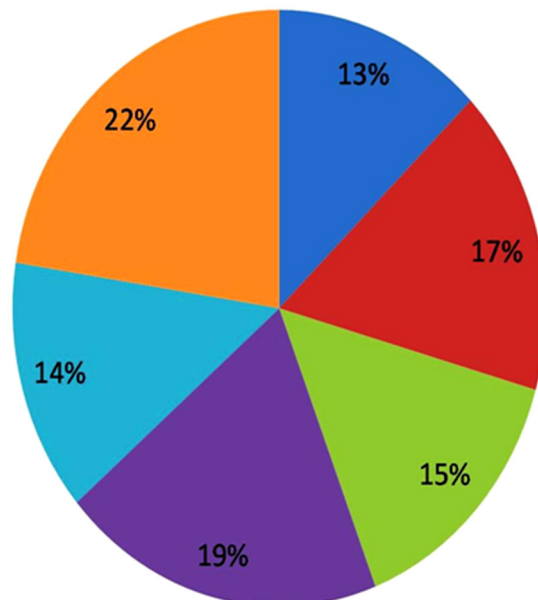
■ Albina ■ Chlorina ■ Xantha ■ Tigrina ■ Viridis ■ Xanthaviridis

Figure S3. Comparative frequency and spectrum of chlorophyll mutations based on the pooled values of two varieties.

Gomati VU-89



Pusa-578



■ Plant Size ■ Growth habit ■ Leaf ■ Flower ■ Pod ■ Seed

Figure S4. Comparative frequency and spectrum of induced morphological mutations in cowpea are based on the pooled values of two varieties.

