

## Supplementary Data

### Optimization of lethal dose (LD<sub>50</sub>) and effect of chemical mutagen on yield characteristics and quality traits on three varieties of *Capsicum chinense* Jacq.

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**Figure 5.** Harvest stage of 0.1% EMS treated and improved yield of Datil pepper.



**Figure 6.** Harvest stage of 0.1% EMS treated and improved yield of Ose Ibeku (Aji dulce pepper).



**Figure 7.** Harvest stage of 0.1% EMS treated and improved yield of Ose Nsukka (Habanero chile).