

Comparative Study of Green Synthesized Se-NPs and CTS- NPs to Sustain drought Stress in *Oryza sativa* L toward regenerative nanoengineering in agriculture

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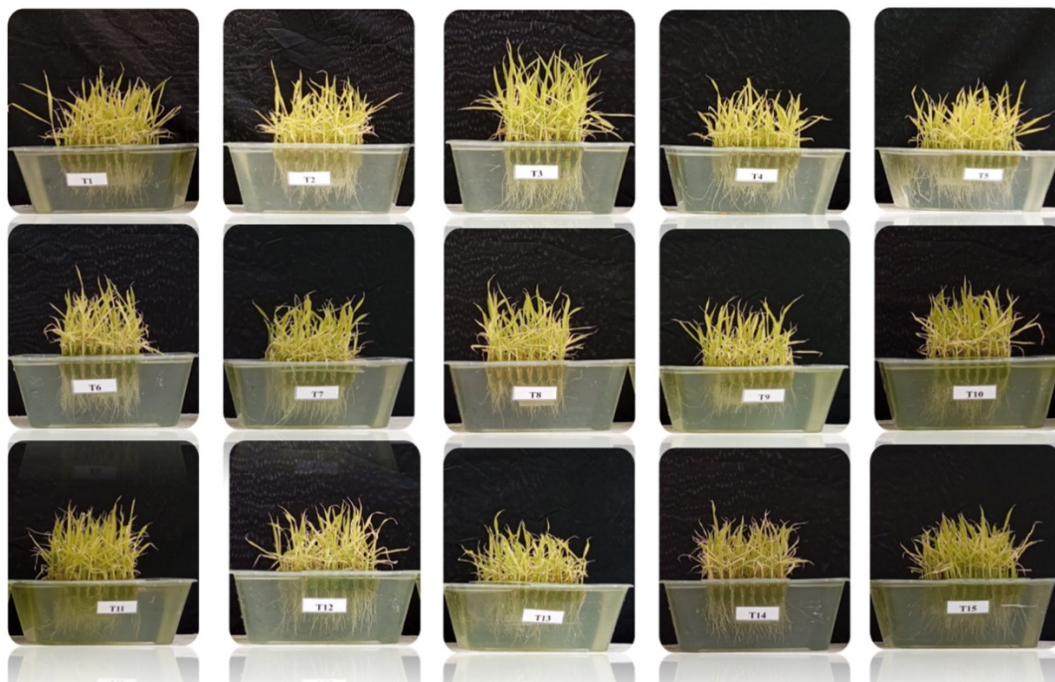


Figure S0. Different plant treatments, growing under hydroponic system, before harvesting

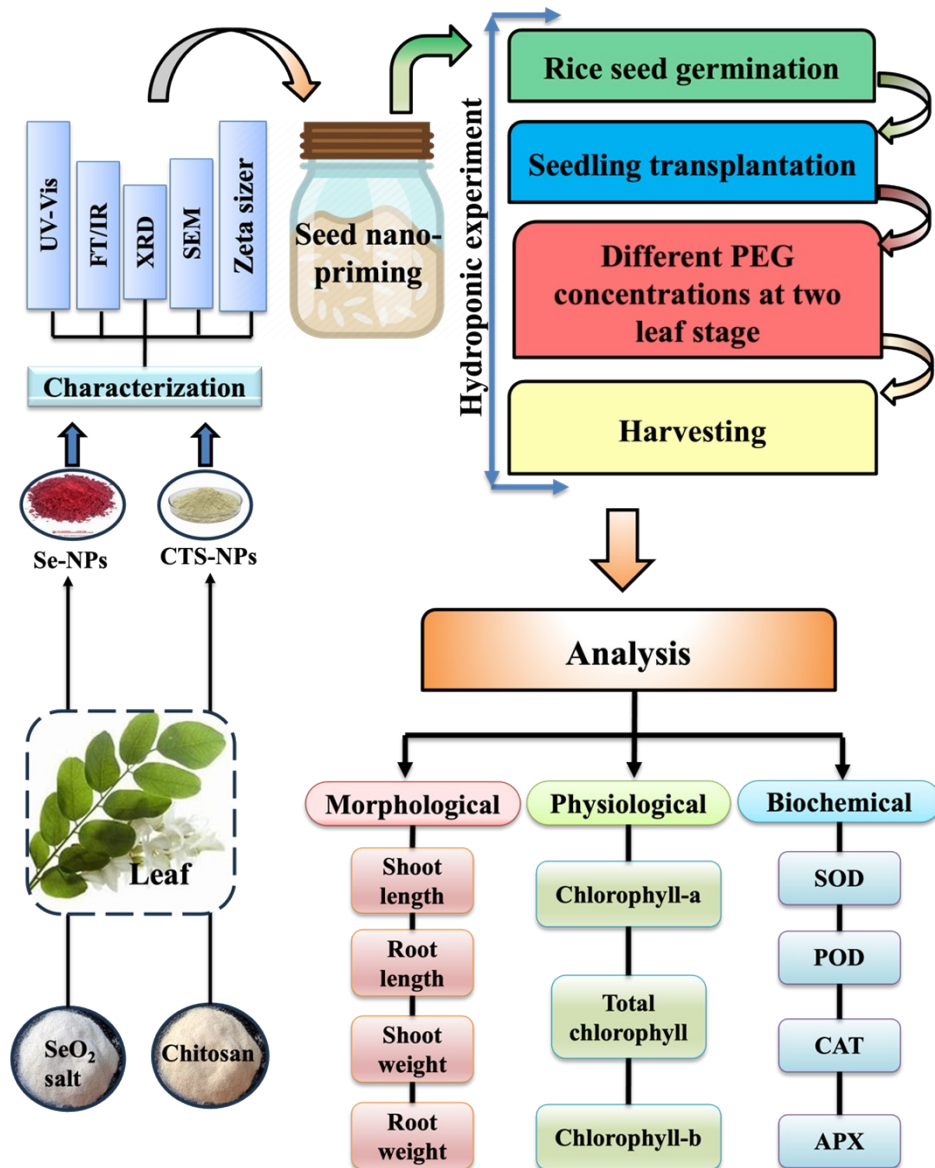


Figure S1. Complete study design and its application

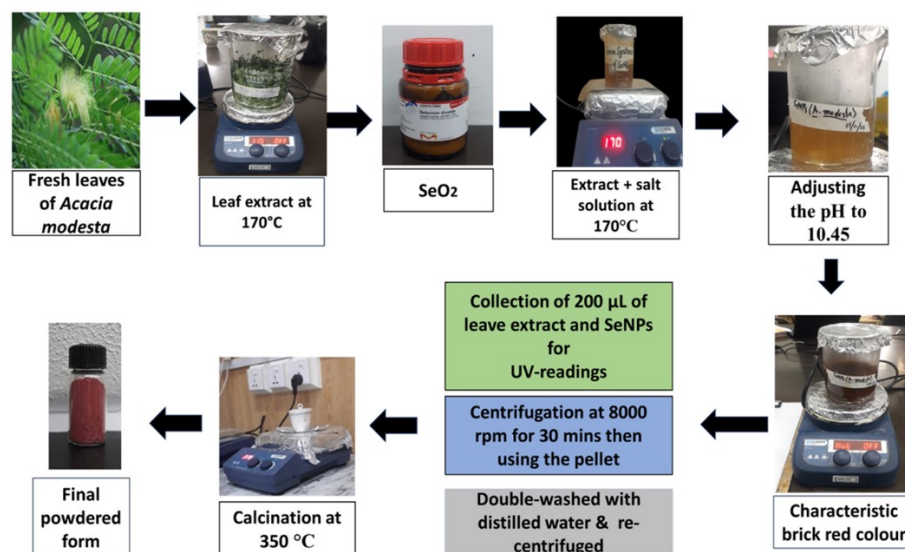


Figure S2. Green synthesis of Se-NPs using *A. modesta* leaf extracts.

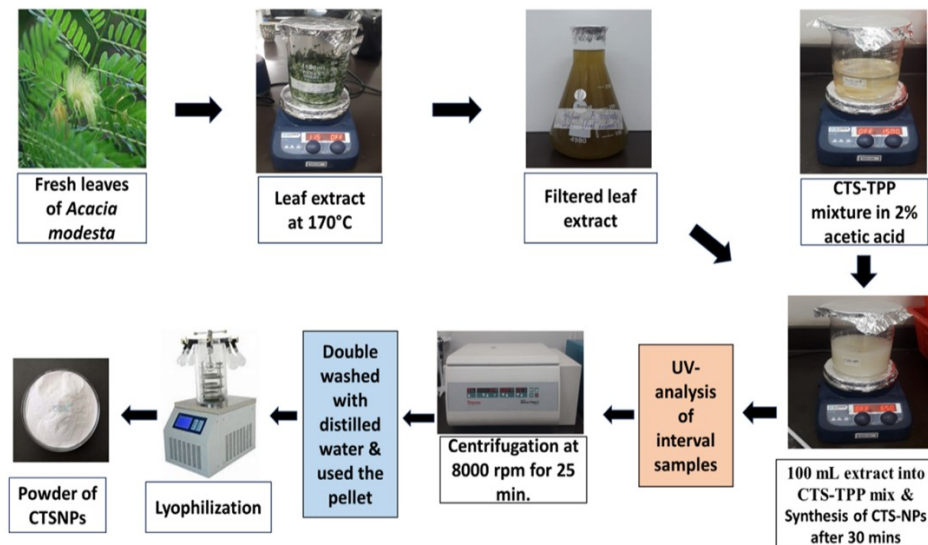


Figure S3. Green synthesis of CTS-NPs using *A. modesta* leaf extracts.



Figure S4. Seed primed with Se-NPs and CTS-NPs were preserved in zipper bags at -4°C

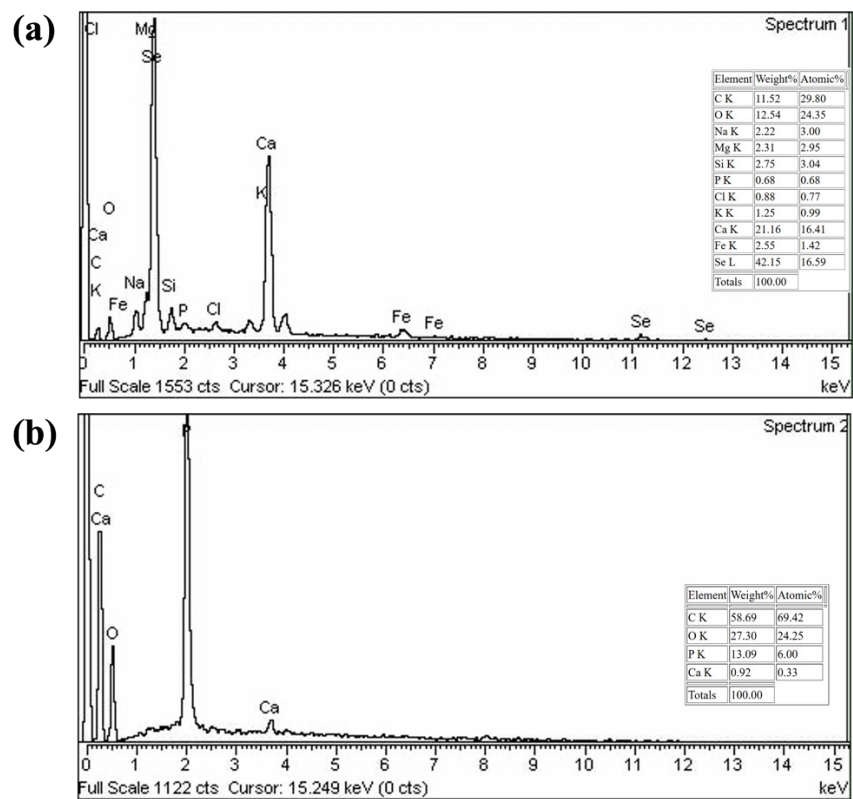


Figure S5. EDX analysis produced by leaf extracts of *Acacia modesta* (a) for Se-NPs (b) for CTS-NPs

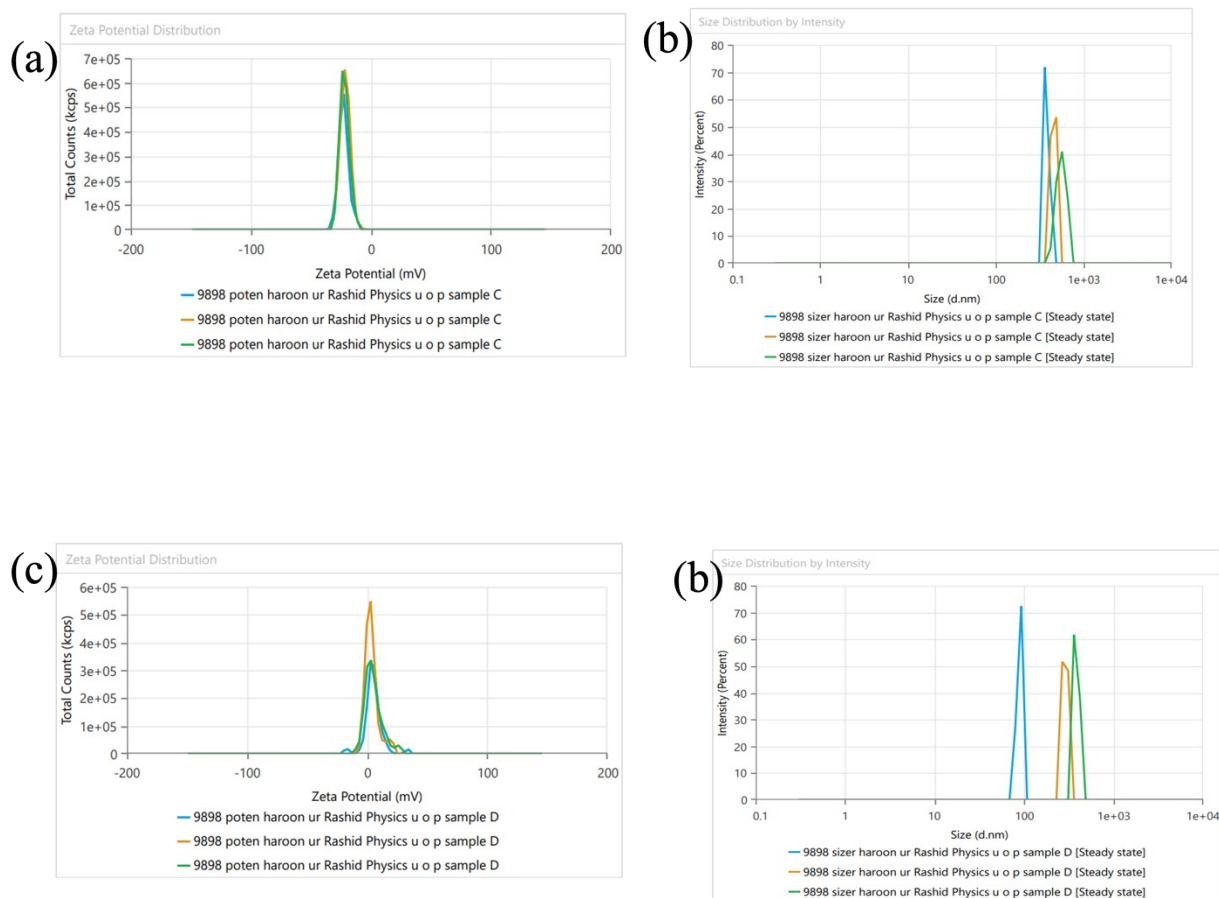


Figure S6. Zeta potentials and zeta sizes of Se-NPs (a), (b) and CTS-NPs (c), (d), produced by leaf extracts of *Acacia modesta*