



Fig 1: **a**, Nanoceria (PNC) increases photosynthesis and biomass in Arabidopsis plants under stress. No nanoparticles (NNP) are shown as control. **b**, Substantial damage to Arabidopsis plants exposed to excess light was mitigated by PNC.

SUGGESTED USES

- To maximize crop yield and increase crop resistance to damage caused by abiotic stress

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	10,798,938	10/13/2020	2016-942

RELATED MATERIALS

- [Anionic Cerium Oxide Nanoparticles Protect Plant Photosynthesis from Abiotic Stress by Scavenging Reactive Oxygen Species](#)
Honghong Wu, Nicholas Tito, and Juan P. Giraldo ACS Nano 2017 11 (11), 11283-11297 DOI: 10.1021/acsnano.7b05723 - 11/03/2017

