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(71) Applicant: **TEMASEK LIFE SCIENCES LABORATORY LIMITED** [SG/SG]; 1 Research Link, Singapore 117604 (SG).

(72) Inventors: **NAQVI, Naweed Isaak**; c/o Temasek Life Sciences Laboratory Limited, 1 Research Link, National University of Singapore, Singapore 117604 (SG). **CHEN, Cheng-Yen**; c/o Temasek Life Sciences Laboratory Limited, 1 Research Link, National University of Singapore, Singapore 117604 (SG).

(74) Agent: **DOWSING, Bruce John**; Marks & Clerk Singapore LLP, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

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(54) Title: A METHOD FOR FUNGAL ENDOPHYTE-MEDIATED INDUCTION OF GROWTH AND RESILIENCE IN CROP PLANTS

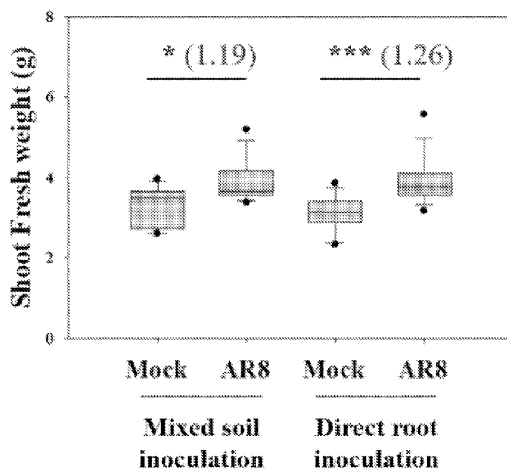


FIG. 1

(57) Abstract: The present invention generally relates to the use of a plant growth-promoting composition comprising a fungal species belonging to the genus *Tinctoporellus*, its progeny, mycelia/hyphae, spores, exudates, or cell-free culture filtrate thereof, to enhance the growth, yield and resilience in crop plants. More particularly, the fungal species is *Tinctoporellus* strain AR8 having the NRRL Deposit Accession Number 68276. The invention further relates to the direct and/or mixed use of the beneficial metabolites belonging to the phenylpropanoid pathway to increase the overall yield of farmed crops.

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