

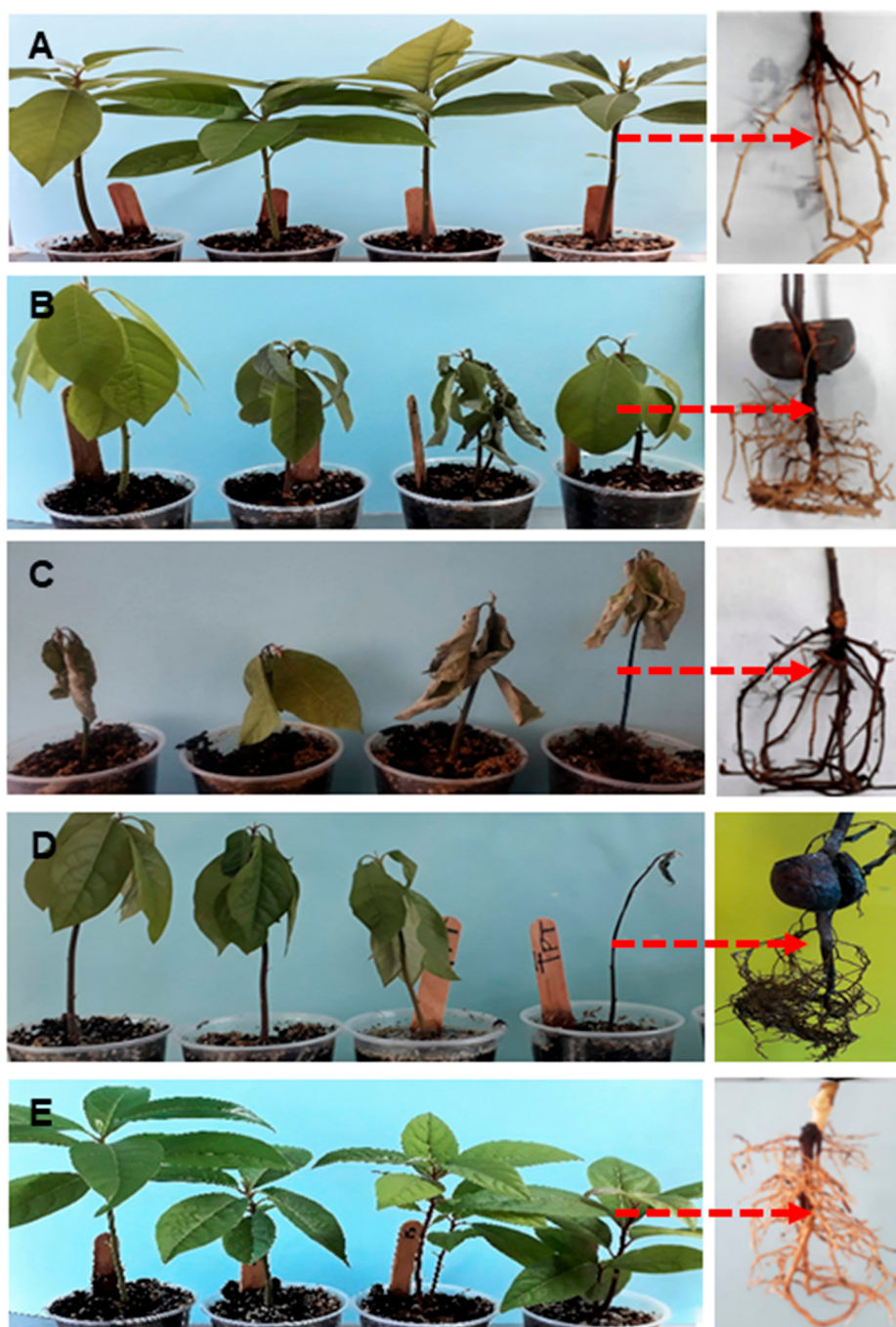


Figure S1. Symptoms of avocado seedlings inoculated with *Trichoderma* spp. and *Phytophthora cinnamomi*. (A) Asymptomatic seedlings inoculated individually with *P. cinnamomi* and *Trichoderma asperellum*, *T. harzianum*, *T. hamatum*, and *T. koningiopsis*. (B) Wilt symptoms observed in the combined *P. cinnamomi* and *Trichoderma asperellum*. (C) Dead seedlings. (D) Seedling inoculated with *P. cinnamomi* and without *Trichoderma* spp. (E) Control without pathogen. Red arrows indicate avocado root rot.

Table S1. Morphological characteristics of endophytic *Trichoderma* spp. strains isolated from avocado and cinnamon roots.

<i>Trichoderma</i> species	Colony Color	Colony Texture	Aerial Mycelium	Concentric Rings	Staining Colony Reverse	Conidial Shape	Conidial Size (µm)	Phialides Shape	Phialides Size (µm)
<i>T. asperellum</i> T-AS1	Light to dark green	Dusty	Absence	3–4	Colorless	Obvoid to ellipsoidal	4.4 × 3.5	Slightly globose	2.3–2.8 × 10.2–11.8
<i>T. asperellum</i> T-AS2	Light to dark green	Dusty	Presence	3–4	Colorless	Obvoid to ellipsoidal	4.4 × 3.5	Slightly globose	2.3–2.8 × 10.2–11.8
<i>T. asperellum</i> T-AS6	Light to dark green	Dusty	Presence	3–4	Colorless	Obvoid to ellipsoidal	4.4 × 3.5	Slightly globose	2.3–2.8 × 10.2–11.8
<i>T. asperellum</i> T-AS7	Light to dark green	Dusty	Absence	3–4	Colorless	Obvoid to ellipsoidal	4.4 × 3.5	Slightly globose	2.3–2.8 × 10.2–11.8
<i>T. hamatum</i> T-A12	Dark green	Slightly adhered to the medium	Abundant	1–2	Faint yellow	Slightly ellipsoid	4.0 × 3.6	Slightly globose	2.3–2.9 × 10.1–11.9
<i>T. harzianum</i> T-H3	Dark green to grayish	Cottony	Abundant	Absence	Colorless	Subglobose	3.4–3.6 × 4.4–4.5	Globose	8–15 × 2–3
<i>T. harzianum</i> T-H4	Dark green to grayish	Cottony	Abundant	Absence	Colorless	Subglobose	3.4–3.6 × 4.4–4.5	Globose	8–15 × 2–3
<i>T. harzianum</i> T-H5	Dark green	Cottony	Abundant	Absence	Colorless	Subglobose	3.4–3.6 × 4.4–4.5	Globose	8–15 × 2–3
<i>T. koningiopsis</i> T-K8	Light to dark green	Slightly cottony and adhered to the medium	Presence	2–3	Colorless	Slightly subglobose	3.0–3.7 × 2.0–3.5	Slightly globose	3.0–4.5 × 2.7–3.5
<i>T. koningiopsis</i> T-K11	Light to dark green	Slightly cottony and adhered to the medium	Presence	2–3	Colorless	Slightly subglobose	3.0–3.5 × 2.0–3.5	Slightly globose	3.0–4.5 × 2.7–3.5