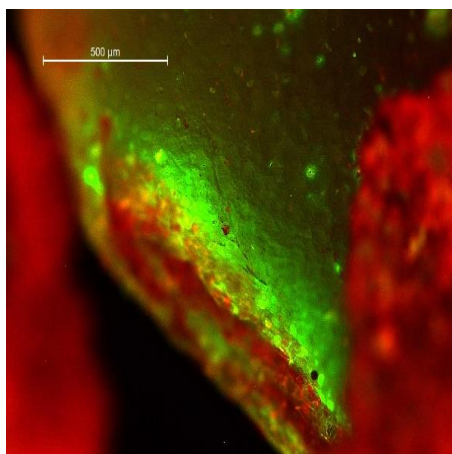


Validation of Mechanized Priming Technology for Spices (Rhizomes) - Ginger, & Turmeric ICAR-Indian Institute of Spices Research, Kozhikode, Kerala

Effect of Mechanized Priming of Ginger with hot water followed by chemicals to eliminate rhizome-borne *Ralstonia pseudosolanacearum*, the incitant of bacterial wilt of ginger



Biofilm (green) formed by *R. pseudosolanacearum* on ginger rhizome surface – **infected material used for treatment**



Treated



Untreated control

Effect of hot water at 50°C followed by copper oxychloride (0.4%) in Mechanized Priming Device for 15 minutes on germination and plant vigour

Effect of vacuum based hot water treatment at 54°C for 15 min against nematode incidence in Turmeric

