

This study showed that *C. rosea* strain PHP1701 can be used to control *M. incognita* under greenhouse conditions. Finally, we recommend the use of *C. rosea* strain PHP1701 for short-season crops and to reduce *M. incognita* populations without a host crop, such as on fallow land before planting the next crop in an integrated pest management program. Overall, *C. rosea* strain PHP1701 is a promising new biocontrol agent.