

POTENSI CAMPURAN MIKROBA ANTAGONIS UNTUK MENGENDALIKAN NEMATODA PURU AKAR (*Meloidogyne incoqnita*) PADA TANAMAN TOMAT

Title	POTENSI CAMPURAN MIKROBA ANTAGONIS UNTUK MENGENDALIKAN NEMATODA PURU AKAR (<i>Meloidogyne incoqnita</i>) PADA TANAMAN TOMAT
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Abstract	<p>Penelitian ini bertujuan mengetahui kemampuan campuran mikroba antagonis <i>Bacillus</i> B8,B11,<i>Pseudomonas fluorescens</i> P8 dan <i>Trichoderma</i> untuk mengendalikan <i>Meloidogyne incoqnita</i> padatanaman tomat. Penelitian ini menggunakan Rancangan Acak Kelompok (RAK). Perlakuan yangdicoba adalah : campuran <i>Bacillus</i> sp. B8, B 11 dan <i>Trichoderma</i> sp., campuran <i>Bacillus</i> sp. B 8, <i>P.flouescens</i> P8 dan <i>Trichoderma</i> sp. , pestisida kimia sintetik, serta kontrol. Hasil penelitianmenunjukkan bahwa : campuran mikroba antagonis <i>Bacillus</i> B11, <i>Pseudomonas fluorescens</i> P8 dan<i>Trichoderma</i> mampu menekan 48,78% populasi nematoda dalam tanah serta menekan tingkatkerusakan akar, namun belum mampu meningkatkan pertumbuhan tanaman tomat.Kata kunci: <i>Meloidogyne incoqnita</i>, mikroba antagonis, tomat</p> <p>ABSTRACTThe aim of this research was to know the capability mixed antagonistic miccrobes of <i>Bacillus</i> sp.B8, B11, <i>Pseudomonas fluorescens</i> P8 and <i>Trichoderma</i> against <i>Meloidogyne incoqnita</i> on tomato.This research was used Randomized Block Design (RBD). The treatment consist of mixed of <i>Bacillussp.</i> B8, B 11 and <i>Trichoderma</i> sp., mixed of <i>Bacillus</i> sp. B 8, <i>P. flouescens</i> P8 and <i>Trichoderma</i> sp.,synthetic pesticide, and control. The results of this research showed that mixed <i>Bacillus</i> B11,<i>Pseudomonas fluorescens</i> P8 dan <i>Trichoderma</i> sp. could suppressed 48.78% of nematode population inthe soil and suppressed the root damage, but could not increased the tomato growth.Key words: <i>Meloidogyne incoqnita</i>, antagonistic microbes, tomato</p>
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