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INTEGRATED MANAGEMENT OF ROOT ROT OF SOYBEAN

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ABTSRACT

Effectiveness of organic ammendments, beneficial microbes and chemical fungicides tested under natural filed conditions against root rot of soybean incited by *Rhizoctonia bataticola*. Results revealed that seed treatment with Carboxin + Thiram (2.0 g/kg seed) + soil drench with Carboxin + Thiram (0.1%) at disease inception and Pre- soil application of FYM enriched with *T. harzianum* and *P. fluorescens* 2.5 kg and 5 kg respectively + neem cake 500 kg/ha + ST with *T. harzianum* (4g/kg seed) and *P. fluorescens* (10g/kg seed) stood best by recording lowest (6.17 and 8.15%) root rot with 74.48 and 66.28% reduction in disease respectively.

KEYWORDS: Integrated Disease Management, Root Rot and Soybean