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**IRON AND ZINC AS ACTIVATOR ELEMENTS TO OXAMYL
TOXICITY AGAINST THE ROOT-KNOT NEMATODE
*MELOIDOGYNE INCOGNITA***

A.M. KORAYEM AND A.G. EL-SISI*

*Pests & Plant Protection Department,
National Research Centre, Dokki, Cairo, Egypt.*

Abstract

The potential synergistic effects of both zinc and ferric sulphate on the nematicidal activity of oxamyl were evaluated in the greenhouse. Tomato seedlings inoculated with *Meloidogyne incognita* were used to test the efficacy of oxamyl dissolved in water, 0.001% ZnSO₄, or 0.002% Fe₂(SO₄)₃ and applied at various rates. Toxicity of oxamyl to *M. incognita* increased 11.3 times in combination with Fe₂(SO₄)₃ and 4.1 times in combination with ZnSO₄ compared with toxicity in water alone.