

## **CHEMICAL CONTROL OF PLANT PARASITIC NEMATODES ASSOCIATED WITH SOYBEANS**

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### **Abstract**

In field tests carbofuran 3G, phorate 10G and triazophos 40EC were found effective in suppressing populations of *Meloidogyne incognita*, *Tylenchorhynchus vulgaris*, *Hoplolaimus indicus*, *Xiphinema* sp., and *Longidorus* sp., in soybean. The height of the plants and bean yield were also increased by these treatments. Carbofuran (3G) at 3 kg a.i./ha was found to be most effective with 88.7% increase in pod yield followed by triazophos (40 EC) at 1.5kg a.i./ha and phorate (10G) at 3 kg a.i./ha resulting respectively, in 46.2 and 34.9 % increases in pod yield over untreated control.