

POTENTIZED CINA REDUCES ROOT-KNOT NEMATODE INFESTATION AND ALTERS LEAF PROTEIN PROFILE OF COWPEA

Abstract : Cina 30c, prepared from the extract of *Artemisia nilagirica*, was diluted with distilled water 1:500 and applied once only by light brushing on a part of a leaf of cowpea. The treatment reduced root-knot disease of the plants and enhanced their growth. Leaf proteins of the plants, separated by FPLC, varied in number and amount in the uninoculated, inoculated untreated and inoculated Cina-treated groups of plants. Cina 30c is thought to induce expression and repression of necessary proteins involved in reducing nematode infestation.

Key words : Cowpea, Cina 30c, leaf proteins, FPLC., nematode.
