

## **EFFECTS OF VAM AND NEMATODE INTERACTION ON SOME BIOCHEMICAL PARAMETERS OF SUNFLOWER**

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### **Abstract**

An experiment was conducted to elicit biochemical substantiation for the observed differences in resistance to nematode infection in roots colonized by mycorrhiza. Sunflower shoot and roots were assayed for their biochemical profile with respect of total carbohydrates, total proteins, amino acids, chlorophyll a and chlorophyll b. There was a significant difference in biochemical contents where VAM was used alone or in combination with nematodes. Comparative assays indicated that amount of carbohydrates, amino acids, proteins and chlorophyll a & b significantly varied in mycorrhizal than non mycorrhizal plants.