Growth and yield attributes of sunflower influenced by foliar application of nitrobenzene

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SUMMARY
Influence of nitrobenzene on growth, development and yield attributes of sunflower (Helianthus annus L.) was studied. Nitrobenzene in 5ml l⁻¹, 10ml l⁻¹ and 15ml l⁻¹ was given as foliar spray at different phonological crop growth stages viz. vegetative, head formation, flowering and maturity stages. Observations on plant height, number of leaves, head diameter, fresh and dry weight of head, RGR, LAR, leaf area, SLW, total chlorophyll, oil content and yield components were estimated. The result inferred that nitrobenzene increased crop growth and yield of sunflower at all concentrations studied over control.

Key words: Sunflower, Nitrobenzene, RGR, SLW, Leaf area